

INTRODUCTION

Krishi Vigyan Kendra has been sanctioned to Satpuda Education Society, Jalgaon Jamod, Buldana by Indian Council of Agriculture Research, New Delhi vide letter No. 3-4/94-KVK-AEII dated 19.10.1994 for catering need based trainings to Practicing Farmers, Rural Youth and In-service Extension Functionaries, on-farm testing and Front Line Demonstration of different crops, which are grown in Buldana District.

KVK Jalgaon Jamod falls under agro-climatic zone “Western Plateau and Hills Region (IX)” with sub zones like Ghat track, Black plains and Saline Alkali track. Zone having annual rainfall range in between 750 to 900mm. Buldana district is located at the latitude: 19.51⁰ to 21.170 North, longitude 75.57⁰ to 76.49⁰ and it is situated 305m above mean sea level.

Most of the area of Buldana district comes under black cotton soils. The major kharif crops grown in district are Cotton, Soybean, Pigeon Pea, Greengram, Blackgram and rabi crops are Bengalgram, Wheat, Onion and having soybean and cotton based cropping pattern. In fruit crops fruits like Citrus, Banana, Custard Apple, Guava are the major in district.

As per PRA Survey and need assessment, OFTs, FLDs, Training Programmes and Extension Activities are planned under different disciplines of KVK for the year 2020 and are given in prescribed format in forthcoming pages.

Buldana
Date:- 14.03.2020

(Vikas G. Jadhao)
Sr. Scientist & Head
KVK Buldana-I (M.S.)

ICAR-ATARI, Pune
DETAILS OF ACTION PLAN OF KVKs DURING 2020
(1st January 2020 to 31st December 2020)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
	Office	Fax		
Krishi Vigyan Kendra, Warwat Bakal Road, Jalgaon Jamod, Dist: Buldana (M.S.) 443402	07266- 221620	07266- 221620	kvkbuldana@ gmail.com	www.kvkbuldhana.org

1.2. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail	Website address
	Office	FAX		
Satpuda Education Society, Warwat Bakal Road Jalgaon Jamod, Dist: Buldana (M.S.) 443402	07266- 221620	07266- 221620	sesjj2015@ gmail.com kvkbuldana@ gmail.com	--

1.3. Name of the Senior Scientist and Head with phone & mobile no.

Name	Telephone / Contact		
	Office	Mobile	Email
Vikas G. Jadhao	07266-221620	9423338595	kvkbuldana@gmail.com

1.4. Year of sanction: October, 1994

1.5. Staff Position (as on December 31, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	If Permanent, Please indicate		Date of joining	If Temporary, pl. indicate the consolidated amount paid (Rs./month)
				Current Pay Band	Current Grade Pay		
1	Senior Scientist and Head	Vikas G. Jadhao	Agril. Engg.	37400-67000	9000	28.11.18	Permanent
2	Subject Matter Specialist	Anil T. Gabhane	Plant Protection	15600-39100	5400	27.06.95	Permanent
3	Subject Matter Specialist	Shyamsunder A. Borde	Extension Education	15600-39100	5400	25.02.05	Permanent
4	Subject Matter Specialist	Sanjay M. Umale	Agronomy	15600-39100	5400	19.06.06	Permanent
5	Subject Matter Specialist	Dr. Vinod S. Janotkar	AHDS	15600-39100	5400	18.12.08	Permanent
6	Subject Matter Specialist	Shashank P. Datey	Horticult-ure	15600-39100	5400	08.07.09	Permanent
7	Subject Matter Specialist	Nitin P. Talokar	Agril. Engg.	15600-39100	5400	08.03.11	Permanent
8	Programme Assistant	Ku.Jyoti W.Bobde	Home Science	9300-34800	4200	22.02.02	Permanent
9	Computer Programmer	Yogesh R. Wakekar	Computer	9300-34800	4200	19.02.02	Permanent
10	Farm Manager	Samadhan J. Bagade		9300-34800	4200	17.06.95	Permanent
11	Accountant/ Superintendent	Pradip E. Raut		9300-34800	4200	10.07.95	Permanent
12	Stenographer	Vacant					
13	Driver 1	Mangesh S. Verulkar		5200-20200	2000	13.11.18	Permanent
14	Driver 2	Vacant					
15	Supporting staff 1	Ramesh T. Wankhade		5200-20200	1800	01.08.96	Permanent
16	Supporting staff 2	A. Samir A. Sadik Deshmukh		5200-20200	1800	13.11.18	Permanent

1.6. Total land with KVK (in ha): 20.59 ha

S. No.	Item	Area (ha)
1	Under Buildings	1.00
2.	Under Demonstration Units	0.40
3.	Under Crops	13.82
4.	Horticulture	4.97
5.	Others if any	0.40
	Total	20.59

1.7. Infrastructural Development:

A. Buildings

S. N.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1	Administrative Building	ICAR	26.05.03	549.90	3407729/-	--	--	--
2	Farmers Hostel	ICAR	31.03.05	304.77	1739490/-	--	--	--
3	Staff Quarters (6)	ICAR	31.03.07	377.64	3197870/-	--	--	--
4	Demonstration Units (2)	ICAR	31.03.06	160.00	421335/-	--	--	--
5	Fencing	ICAR	31.03.06	2018rmt	486000/-	--	--	--
6	Rain Water harvesting structure	ICAR	31.03.07	--	839665/-	---	--	--
7	Shed net house	NHM	30.06.09	525.00	212435/-	--	--	--
8	Polytunnel	NHM	30.06.09	213.00		--	--	--
9	Vermicompost Unit	Agril. Dept.	2008	80.00	Completed	--	--	--
10	Threshing floor	ICAR	31.03.11	27.00	100050/-			
11	Farm godown	ICAR	31.03.11	67.66	500000/-			
12	Medicinal Nursery (Shadenet house)	NHM	30.03.13	525	400000/-	--	--	--
13	Minor millets processing unit	Agril. Dept.	31.03.13	660	400000/-	--	--	--
14	Compost Unit	ICAR	31.03.19	--	22500/-	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep (Mahindra Bolero)	Nov. 2019	796500/-	7788 km	Working
Motorcycle	Jan. 1995	40128/-	Closed	Not in working condition
Tractor (Massey Ferguson) procured under RKVY with implements such as BBF planter, Rotavator, Seed Drill, M.B. Plough, Cultivator	Feb. 2012	700000/-	3684 km	Working
Tractor (John Deer) procured through ICAR fund	Mar.2012	710000/-	3218 km	Working
Mobile Soil Testing Van Under Manav Vikas Programme	Mar. 2012	3500000/-	7515 km	Working

C) Equipments & AV aids

Name of the equipment	Year of purchase	Quantity	Cost (Rs.)	Present status
Equipments				
Telephone	13.07.1995	01	2000.00	Working condition
Typewriter	19.08.95	01	9740.00	Not in Working condition
OHP with carrying case	30.12.95	01	7119.00	Working condition
Slide Projector with tray	30.12.95	01	15302.00	Working condition
Screen	30.12.95	02	2598.00	Not in Working condition
Camera	30.03.96	01	1695.00	Not in Working condition
Home Science utensils	95-96, 96-97	Lumsum	6662.00	Working condition
Refrigerator	28.03.96	01	12900.00	Not in Working condition
Mixture	13.03.95	01	2275.00	Working condition
Oven	13.03.96	01	2175.00	Working condition
Cooker	27.03.96	01	1200.00	Working condition
Sewing machine	30.11.95	01	3093.00	Working condition
Hipro Ginning Machine	2006-07	01	59280.00	Working condition
Generator	17.02.05	01	62200.00	Working condition
Inverter set	19.02.05	01	12781.00	Working condition
STL equipment & acc.	24.03.05	Lumsum	820153.00	Working condition
LPG connection (STL)	11.02.05	02	2740.00	Working condition
Refrigerator (STL)	08.02.05	01	15000.00	Working condition
Software (STL)	30.03.05		22040.00	Working condition
Computer with printer	23.03.06	02	99970.00	Working condition
LCD projector	Mar 06	01	77500.00	Working condition

TV	Feb 06	01	22100.00	Working condition
Xerox Machine	Mar 08	01	118800.0	Not in working condition
Laptop Comp.	Mar 08	01	31200.00	Working condition
Office almira	28.02.95,19.08.95,11.03.96,27.03.01,30.03.02, Mar 06	13	67300.00	Working condition
Office table	28.02.95,19.08.95, 11.03.96,30.03.96,15.12.96 16.02.05	18	44754.00	5 tables are not in working condition
Stool	19.08.95	06	1350.00	Not in Working condition
Chairs	28.02.95,11.03.96	73	59870.00	12 Not in Working condition
Water cooler	Mar 06	02	27150.00	Working condition
Crates	28.02.95	06	2244.00	Not in Working condition
Trolley	28.02.95,29.03.96	02	3200.00	Not in Working condition
Office utensils	05.08.95	Set	1417.00	Not in Working condition
Lock	1995-96,1996-97,1997-98	11	807.00	Not in Working condition
Fan	19.09.95,28.01.97	07	7275.00	4 Not in Working condition
Brief case	31.12.95	01	679.00	Not in Working condition
Lecture stand	30.03.96	01	2715.00	Working condition
Tube light	12.03.96	03	570.00	Not in Working condition
Library cases	11.03.96,27.03.01	04	12400.00	Working condition
FH bed, bedding & Utensils 4 rooms	Mar 06	08	35504.00	Working condition
Training cum conference hall furni.	Mar 06		182045.00	Working condition
Iron Rack (sericulture)	28-29.11.95,19.03.96	04	3556.00	Working condition
Drip irrigation set	29-03-95	1 set	7023.00	Not in Working condition
Wooden hoe	19.10.95	1	150.00	Not in Working condition
Secator	30.11.95	10	1200.00	Not in Working condition
Knife	30.11.95	6	300.00	Not in Working condition
Duster	29.03.97	1	990.00	Not in Working condition
Knapsack sprayer	29.03.97	1	3650.00	Not in Working condition
Knapsack sprayer	29.03.97	3	3479.00	Not in working condition
Cultivator Blade	20.7.96	3	400.00	Not in Working condition
Rabbit cage	05.11.96	1	2107.00	Not in Working condition
Kudali	04.02.97	1	40.00	Not in Working condition
Matok	04.02.97	2	80.00	Not in Working condition

Bucket	05.02.97	1	75.00	Not in Working condition
Spade	04.02.97	5	220.00	Not in Working condition
Ghamela	05.02.97	6	420.00	Not in Working condition
Axe	20.07.96	1	50.00	Not in Working condition
Sericulture Unit implements	13-25.11.95		7201.00	Not in Working condition
Jack	30.03.96	1	380.00	Working condition
Disc harrow	2006-07	1	43304.00	Working condition
Seed drill	2006-07	1	29102.00	Not in Working condition
Dibbler	2006-07	2	1500.00	Working condition
Seed treatment drum	2006-07	1	1400.00	Working condition
Harrow	2006-07	1	2500.00	Working condition
Bullock drawn ridger	2007-08	1	3000.00	Working condition
Tractor drawn ridger	2007-08	1	20280.00	Working condition
Rechargeable sprayer	2007-08	1	4400.00	Not in Working condition
Power sprayer	2007-08	1	16500.00	Not in Working condition
Laptop HCL	2007-08	1	31200.00	Working condition
Power tiller	2008-09	1	121000.0	Not in Working condition
Generator	2008-09	1	2610000.00	Working condition
Camera	2008-09	1	22000.00	Not in Working condition
PKV Dal Mill	2009-10	1	45800.00	Working condition
Window AC ONIDA	2009-10	1	13899.00	Provided by ICAR & ERNET India under E-linkage project
Godrej table	2009-10	06	45266.00	
Godrej chairs	2009-10	20	34166.00	
Godrej Printer table	2009-10	02	11041.00	
Rack	2009-10	01	6350.00	
Computer server system	2009-10	01	62400.00	
Desktop computer	2009-10	05	114400.00	
Laser printer	2009-10	01	13000.00	
Dot matrix printer	2009-10	01	17500.00	
Scanner	2009-10	1	5200.00	
Earthing switch	2009-10	1	6500.00	
UPS 650VA	2009-10	1	27040.00	
Online UPS 3 KVA	2009-10	1	95425.00	
VSAT	2009-10	1 set	138000.00	
Multimedia speaker, Headphone, Webcam	2009-10	5 set	--	
Stabilizer with battery	2009-10	1 set	--	
Pulverizer machine	2011-12	1	49028.00	Working condition
Systonic Digital Ph meter	2011-12	1	10940.00	Working condition (RF A/c)
Systonic digital conductivity meter	2011-12	1	12970.00	Working condition (RF A/c)
Systonic colorimeter	2011-12	1	17150.00	Working condition (RF A/c)

Distillation unit	2011-12	1	19260.00	Working condition (RF A/c)
Laptop Acer	2012-13	1	34000.00	Working condition
Mobile Phone with GPS	2012-13	1	20000.00	Working condition
Samsung Mobile Tab	2012-13	1	22500.00	Working condition
Mobile soil testing lab equipments	2012-13	1 set	1431300.00	Under Manav Vikas
Servo Voltage Stabilizer	2012-13	1	22500.00	Working condition
Ahuja Wireless mounting amplifier	2012-13	1	11900.00	Working condition
Foot operated sealing machine	2012-13	1		Provided by Director Agri Processing & Planning Pune
Destoner	2013-14	1		
Dehuler	2013-14	1		
Floor shifter	2013-14	1		
Pulverizer	2013-14	1		
PKV Dal Mill	2013-14	1		Provided by Dr. PDKV Akola
Fruit Grader	2013-14	1		
LCD projector Benq	2014-15	1	23500.00	Working condition
Projector Screen	2014-15	1	3000.00	Working condition
Mike	2014-15	2	5530.00	Working condition
LCD projector BENQ	2016-17	1	27800.00	Working condition
Audio system Ahuja	2016-17	1 set	29520.00	Working condition
Desktop with printer	2016-17	1	39050.00	Working condition (RF a/c)
UPS	2016-17	2	3600.00	Working condition (RF a/c)
GPS meter	2016-17	1	15000.00	Working condition
Lenovo Tab	2016-17	1	9990.00	Working condition
Laptop HP	2016-17	1	37650.00	Working condition
Flame Photometer	2017-18	1	44480.00	Working condition
Spectro Photo Meter	2017-18	1	46600.00	Working condition
Colour Printer	2017-18	1	11000.00	Not in working condition
Mruda Parikshak Kit	2017-18	1	72000.00	Working condition
Distillation Unit	2017-18	1	42871.00	Working condition
Nitrogen Analyser	2017-18	1	193260.00	Working condition
Solar Power Generating system	2017-18	1 set	738359.00	Working condition (RF A/c)
Reversible plough	2019-20	1	63000.00	Working condition
Cotton Slasher	2019-20	1	155000.00	Working condition
Post Hole Digger	2019-20	1	134999.00	Working condition

1.8. Details of SAC meetings to be conducted in the year

Sl. No.	Date
1. Scientific Advisory Committee (2 nos)	May 2020, November 2020

2. DETAILS OF DISTRICT

2.1. Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1	<p>Sole Crop(s)</p> <ul style="list-style-type: none"> • Kharif Sorghum • Cotton
2	<p>Inter Cropping (s)</p> <ul style="list-style-type: none"> • Cotton + Green gram 1 : 1 • Cotton + Black gram 1 : 1 • Cotton + Red gram 8 : 2 or 10 : 2 • Sorghum + Green gram 3 : 6 or 3 : 3 • Sorghum + Black gram 3 : 6 or 3 : 3 • Sorghum + Red gram 3 : 3 or 6 : 3 • Red gram + Green gram 2 : 4 • Red gram + Black gram 2 : 4 • Red gram + Soybean 2 : 4 • Cotton + Sorghum + Red gram + Sorghum 6 : 1 : 2 : 1 • Soybean + Sorghum + Red gram 9 : 2 : 1
3	<p>Double Cropping: Rainfed situation (If late rains are received)</p> <ul style="list-style-type: none"> • Green gram - Sunflower / Wheat / Gram / Safflower • Black gram - Safflower / Wheat / Gram • Soybean - Wheat / Gram

2.2. Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

a. Soil type

Sl. No	Agro-climatic Zone	Characteristics
1	Ghat Tract	This sub-zone occupies greater part of Buldana District with 9 tahsils viz. Chikhali, Buldana, Deolgaon Raja, Mehkar, Lonar, Malkapur, Sindhkhed Raja, Motala and Nandura. Elevation varies from 350 to 600 m above Sea Level. Annual rainfall varies from 750 to 850 mm. Soil ranges from very shallow to moderately deep. The topography is rolling and land slopes are around upto 7%. In this ghat tract Sorghum & Cotton are predominant crops.
2	Black Plains	This sub-zone spreads over Khamgaon and Shegaon tahsils of Buldana districts along with 15 tahsils of Akola and Amravati. Annual Precipitation varies from 750 to 900 mm. Soils are moderate to deep and predominantly vertisols with several situations of ill drainage due to that crop suffer more of wet conditions during years of relatively higher rains.
3	Saline Alkali Tract	This sub-zone includes major parts of 5 tahsils viz. Jalgaon,

		Sangrampur Shegaon, Nandura and Malkapur tahsils of Buldnan District. The soils are vertisols, deep and saline to saline alkali in reaction. Annual precipitation varies between 750 to 850 mm. Open wells in the tract have saline water as a result of which the same cannot be utilized for irrigation purpose. Cotton and Sorghum are the major crops of the tract together with rainfed wheat during rabi season. Poor drainage during rainy season is rampant.
--	--	--

b. Topography

S. No.	Agro ecological situation	Characteristics
1	AES I	The AES-I lies on the North-East part of the district with main characteristic of black cotton soil, high rainfall and hilly topography in another side. The blocks covered under this AES I are Sangrampur (95%) and Jalgaon Jamod (70%). The crops like cotton, wheat and gram grown in the area. The two villages Ekalara (Bk) and Sungaon were selected as representative of AES for data collection.
2	AES II	This AES situated in West-North direction of the district. The blocks covered by AES II are Malkapur (100%), Nandura (100%), Shegaon (100%), Sangrampur (5%) and Khamgaon (15%). The main feature of AES II is plain topography with saline soil called <i>Kharpanpatta</i> locally. The major crops grown in this AES II are cotton, gram and sunflower. For the data collection two representative villages were selected namely Nipana and Kalkhed.
3	AES III	This AES situated in western side of the Buldana district. The blocks covered are Motala (100%), Buldana (100%) and Chikhali (30%). The Buldana and Chikhali are situated at high attitude as compared to Motala. The main features of AES III are hilly topography, medium to shallow soil. The major crops grown are cotton, jowar, maize, soyabean, wheat and gram. The horticultural crops custard apple, aonla and vegetable crops like, chilli, brinjal and tomoto are also grown in this AES.
4	AES IV	AES IV comprises of Mehkar (100%), Khamgaon (85%) and Chikhali (70%) blocks. This AES is situated in east side of the district. The main feature of AES-IV is assured rainfall, well irrigated, medium to shallow soils. The AES-IV has favourable weather condition for grape production in Chikhali block. The agricultural crops grown in this area are soybean, cotton, jowar & maize in Kharif and gram & wheat in Rabi season. The horticultural crops grown in this AES IV are grape, Guava, mango, custard apple and sweet orange with vegetables like chili, onion, tomato and onion seed production. For data collection of AES IV the two representative villages were selected namely, Nagzari and Hiwarkhed.
5	AES V	The AES-V is characterized by hilly and undulating topography,

		medium to shallow soils and rainfed area covering Deulgaon Raja (100%), Sindkhed Raja (100%) and Lonar (100%) blocks. This AES is situated in south of the district. The major crops grown in Kharif are soybean, Cotton, Jowar and Wheat, Gram, Safflower in rabi season. The major horticultural crops citrus, grapes, papaya, pomegranate grown in this AES. The climate is favorable for custard apple and aonla and has wide scope in this AES.
--	--	--

2.3. Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Vertisoles	(Heavy black soil)	199318.00
2	Inseptisoles	(Medium black)	265757.00
3	Entisoles	(Light soil)	273139.00

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Major Field Crop	Area (ha)	Production (MT)	Productivity (kg/ha)
Kharif Season				
1	Kharif Jowar	7788	8393	1136
2	Maize	15592	31511	2021
3	Bajara	585	351	600
4	Redgram	81777	57244	700
5	Greengram	18489	10187	551
6	Blackgram	20694	11671	564
7	Soybean	401522	411962	1026
8	Ground Nut	355	346	974
9	Sesamum	976	236	242
10	Cotton	186374	55912	300
Rabi Season				
1	Rabi Jowar	12932	11742	908
2	Maize	11391	10252	900
3	Wheat	52700	97073	1842
4	Bengalgram	60557	62434	1031
Summer Season				
1	Maize	251	377	1500
2	Summer groundnut	256	302	1180

(Source- SAO, Buldana 2018-19)

Area production & Productivity of Major fruit crop in Buldana District

Sr. No.	Name of Crop	Area (Ha)	Production (ton)	Productivity (t/ha)
01	Mandarin	1489	10655	7.15
02	Aonla	70	627	8.89
03	Banana	564	16467	29.15
04	Custard-apple	240	3941	16.42
05	Guava	467	3497	09.35
06	Mango	312	1222	03.90
07	Papaya	291	3164	10.84
08	Pomegranate	764	7847	09.29

09	Sapota	72	453	06.28
10	Kagzi-lime	269	2134	07.90
11	Sweet Orange	421	5473	12.99

(Source- SAO, Buldana 2018)

Area Production & Productivity of Major Vegetable crop in Buldana District

Sr.No	Name of Crop	Area (Ha)	Production (ton)	Productivity (ton/ha)
01	Brinjal	464	5988	12.89
02	Cabbage	219	2360	10.76
03	Sweet pepper	27	183	6.79
04	Green Chilli	846	11799	13.93
05	Bhendi	290	1315	4.53
06	Onion	3877	28656	7.38
07	Tomato	518	6090	11.74
08	Ginger	211	2139	10.11
09	Turmeric	442	47208	106.69
10	Garlic	136	518	3.80
11	Cauliflower	229	2425	10.58

(Source- SAO, Buldana 2018)

Area under protected cultivation in Buldana district

S. N.	Name of Crop	Area (Ha)	Production (t)	Productivity (t/ha)	Tehsil
01	Dutch Rose	0.10	0.35	35.0	Sangrampur
02	Tomato	0.20	87.00	35.00	Chikhali
03	Cucumber	0.20	100.0	40.0	Chikhali
04	Chilli	0.20	0.16	8.0	Nandura
05	Bitter-gourd	0.30	0.24	8.0	Nandura
06	Cauliflower	0.10	0.30	3.00	Nandura

(Source- SAO, Buldana 2018)

2.5. Weather data (2019-20)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
June, 2019	134.77	NA	NA	NA	NA
July, 2019	199.91	NA	NA	NA	NA
August, 2019	145.05	NA	NA	NA	NA
September, 2019	213.63	NA	NA	NA	NA
October, 2019	99.42	NA	NA	NA	NA
Total	792.78				

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Crossbreed	10071	105.30	9.98
Indigenous	93344	129.80	1.48
Buffalo	129370	343.23	6.53
Sheep	93388	--	--
Goats	334757	--	--

Pigs	17151	--	--
Poultry	172000	--	--

2.7. Details of Operational area / Villages

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprise	Major problem identified	Identified Thrust Areas
1	Nandura	Nandura	Dhanora Jungam	Cotton	Sowing of Cotton in light soil & rainfed situation.	Method, quantity & time of fertilizer application.
2	Sangrapur	Sangrapur	Wadgaon Wan	Cotton	Management practices (wider spacing, Seed treatment, No proper gap filling, Protective irrigation at critical stages) Imbalance nutrient management (Soil test Based Fertilizer application Inadequate & low Quality organic matter used) Improper Pest, diseases mgt.	Integrated Nutrient Management Integrated pest & diseases management.
				Soybean	Unawareness about New variety, No use of good quality seed, Imbalance nutrient management, (No use of 2% foliar spray of Urea) Improper Pest, diseases mgt.	New Variety, Integrated Nutrient Management, Proper Pest & diseases management
				Maize	Scarcity of Labour for Weeding, Higher cost for Weeding, Imbalance nutrient management	Weed Management, Integrated Nutrient management
				Red gram / Green-gram/ B.Gram /	Imbalance nutrient management, Excess Urea Application,	Integrated Nutrient management, Foliar Application of 2% Urea,

					Improper pest & disease management	Integrated pest & diseases management
				Wheat	Low yield due to use of traditional crop varieties, Improper Sowing time, Imbalance nutrient management	Importance of New High Yielding Varieties, Nutrient management Weed Management
				Ground Nut	Unawareness about New Technology, Secondary and micronutrient deficiencies	BBF or Polyethylene Mulching, Nutrient management, Proper Pest & diseases management
				Horticultural crops	Non availability of guanine planting Material, Improper Management Practices, Improper Spacing, Imbalance Nutrient Management, Improper Insect Pest and disease Management, Improper use of irrigation facilities, Flower and fruit drop, Post harvest losses of fruit Crops, Less returns due to direct selling, Non availability of value added products	Improved Nursery techniques for vegetable seedlings, Application of growth regulator in vegetable and fruit crops, Pre harvest & Post harvest techniques of vegetable, fruits & other Horticultural crops, Micronutrient application in Horticultural crops, Fruit & vegetable preservation, Irrigation management in Horticultural crops, Introduction of new Horticultural crops of low water requirement, Cultivation of tissue culture banana
				Soil & water conservati	Improper tillage operation & seed bed preparation,	Soil and water conservation,

				on (Agril. Engg.)	Water scarcity, Non adoption of in-situ soil & water conservation techniques	Use of proper implements, Maintenance of tractor & tractor drawn implements, Post harvest technology , Care and maintenance of Plant Protection equipments
				Irrigation	Improper method of irrigation	
				Post Harvest Technology	Lack of knowledge of simple techniques of PHT viz. clean Cotton picking, grading, available fruit packaging grading & processing	
				Mechaniza tion	Lack of knowledge about improved Agriculture implements	
				Drudgery in field operation	Drudgery in agricultural operation, Time consuming traditional method of operation	
				Cattle	Management & health, Non adoption of proper housing systems, Manage mental problems like identification, dehorning, castration, Unawareness about Vaccination, Irregular Deworming, Unavailability of timely treatment, Low Milk Yield	Formulation of balance ration for Dairy animals, Scientific feeding of animals, Ecto-parasitic infection in animals, Inbreeding problems in goat & dairy animals, Worms problems in animals, Improving backyard poultry, Proper housing of animals, Vaccination and healthcare in animals, Entrepreneurship development through Dairy, Poultry &
				Buffalo	High Mortality in Calves, Silent Heat, Highly Worms, Infection in Milch Buffalo	

				Goat & Sheep	Highly abortion rate, High incidence of FMD, Less Use of Concentrate in Feeding, Mortality in Rainy season	Goatry
				Poultry	Rearing of Deshi Breeds, lack of knowledge about proper Poultry management, High Cost of Feed, Higher Mortality, Effect of climate on poultry production	
				Agriculture Technology & Marketing	Lack of upgradation of improved agriculture, Weak extension linkage between extension workers & farmers, Improper adoption of Improved agriculture technologies, Women empowerment Unavailability of current market prices at village level	Taking up suitable measures to impart knowledge about modern agriculture amongst the farmers' community, Creation of awareness amongst the farmers, farmwomen, rural youth regarding improved agricultural technologies
				Rural Women & Child Nutrition, Hygiene & Health	Iron deficiency in women, Under weight & mal nutrition, Balance diet, Hygienic problems	Nutrient deficiency of farm women & child, Heavy physical stress due to tradition methods in agricultural operations, Women empowerment
				Women Drudgery reduction	Lack of awareness about agriculture tools & implements	
				Agro-processing & value addition	Heavy losses in agriculture commodities due to unavailability of agro processing facilities.	

2.8. Discipline wise Priority thrust areas:

Discipline	Thrust Area
Agronomy	
Cereals	
Maize	Integrated Nutrient Management, Weed Management, Crop Diversification.
Sorghum	Integrated Nutrient Management
Wheat	Variety, Integrated Nutrient Management, Weed management
Oilseed	
Soybean	Variety, Integrated Nutrient Management
Groundnut	Variety, INM,
Pulses	
Greengram, Blackgram, Pigeon pea, Bengal gram	Variety, Integrated Nutrient Management
Fiber crop	
Cotton	Integrated Nutrient Management
Plant Protection	
Maize	Integrated Pest Management, FAW management
Soybean, Sorghum, Ground Nut, Greengram, Blackgram, Pigeon pea, Bengalgram	Integrated Pest & Disease Management
Cotton	Integrated Pest & Disease Management, PBW management
Citrus, Onion	Pest & disease management.
Horticulture	
Custard Apple	Improved variety, Integrated crop management
Banana, Citrus	Nutrient Management, Water management, Pre/post harvest management
Papaya	Improved Variety
Watermelon/Muskmelon	Polythene mulch, ICM
Onion, Tomato, Brinjal	Integrated crop management
Chilli	Nutrient Management
Safed Musli	Improved variety, plantation management, post harvest management.
Agricultural Engineering	
Mechanization	Use of Improved implements for mechanization of dryland Agriculture
Soil & Water conservation	In-situ soil moisture conservation
Micro Irrigation system	Use of improved irrigation methods like drip & Sprinkler irrigation system
Soybean, Ground nut,	Mechanization (BBF Technology)
Veterinary Science	
Dairy	Feed & Fodder production, Animal health, Use of mineral mixture
Goat	Up gradation of local goat ,Health
Poultry	Feed & Rearing of birds
Home Science	
Women & Child care	Low nutrition status of women & child.
Drudgery Reduction	Use of drudgery reducing farm implements/equipments
Capacity Building	Strengthening up of SHG / farmers club

3. TECHNICAL PROGRAMME

3.1. A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
16	159	153	477

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
103	2663	353	23820

Seed Production (Qtl.)	Planting material (Nos.)	Animal / Bird production (Nos.)	Soil Samples to be test
(5)	(6)	(7)	(8)
84	36100	1800	2450

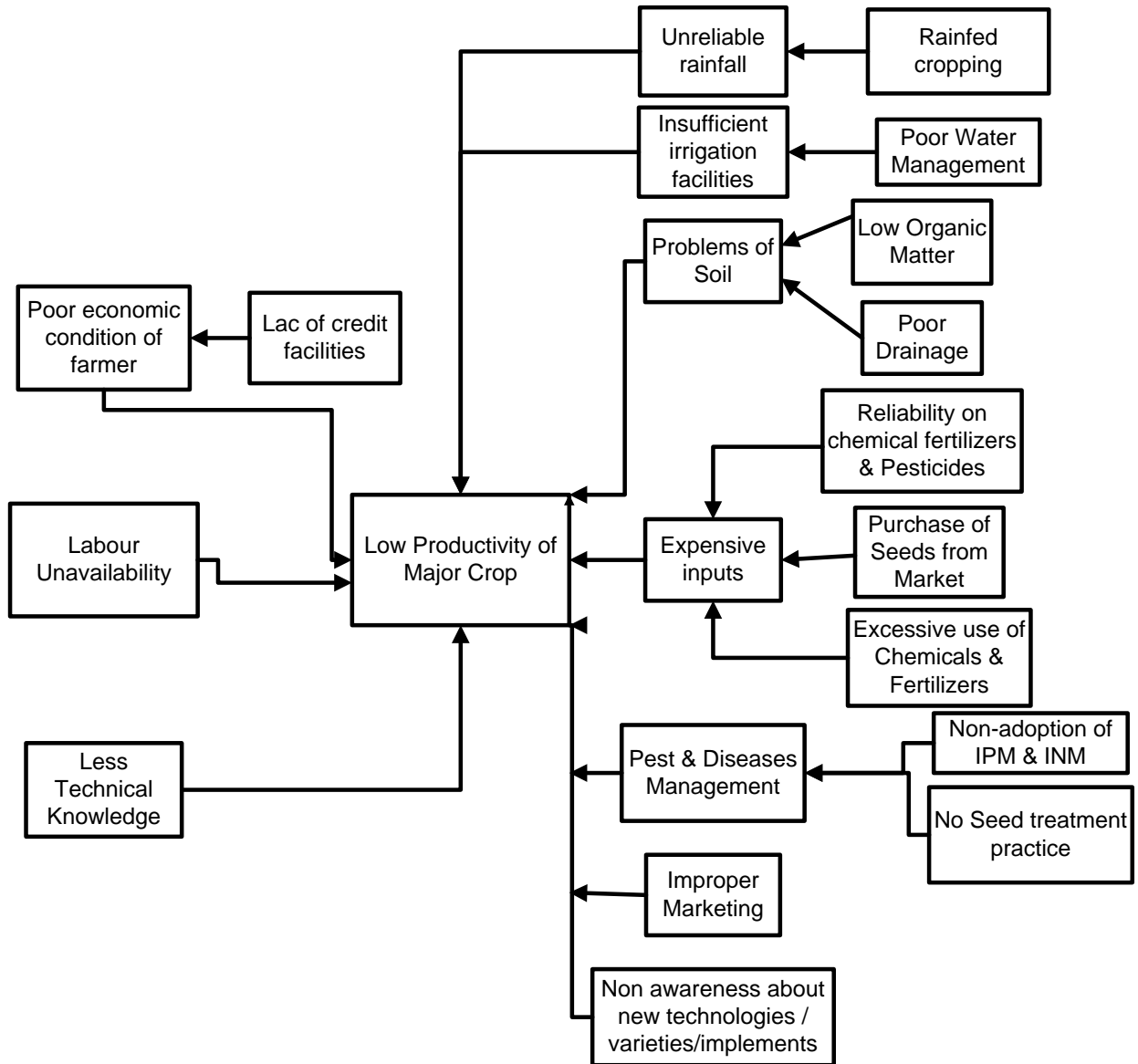
3.1. B. Operational areas details proposed during 2020

S.N.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)*
1	Soybean	Low yield Varietal Monoculture	305000 ha	Wadgaon Van, Dhanora J.	OFT, Training
2	Wheat	Poor weed management	25000 ha	Wadgaon Van, Dhanora J.	OFT, Training
3	Cotton	Low yield due to 1.Heat Stress 2.Pink bollworm infestation 3.Nutrient Management	134164 ha	Dhanora Jungam, Wadgaon wan	OFT, Training, Field visit
4	Soybean	Low yield due to 1.Varietal Monoculture 2.Excess Vegetative Growth 3.Infestation of steamfly and girdle beetle	74742 ha	Dhanora Jungam, Wadgaon wan	FLD, Training, Field visit
5	Bengalgram	Low yield due to 1. Helicoverpa infestation	32000 ha	Wadgaon Van, Dhanora J.	OFT, Training

6	Greengram	Low yield due to 1.variety 2.Nutrient Management 3. Pest and Diseases mgt	9720	Dhanora Jungam, Wadgaon wan	FLD, Training
7	Blackgram	Low yield due to 1.Variety 2. Nutrient Management 3. Pest and Diseases mgt	8235	Dhanora Jungam, Wadgaon wan	FLD, Training Field visit
8	Pigeonpea	Low yield due to 1.Variety 2. Nutrient Management 3. Helicoverpa infestation 4. Wilt Management	32567	Dhanora Jungam, Wadgaon wan	OFT, FLD, Training Field visit
9	Maize	Incidence of Fall Army Worm in maize in Kharif, Rabi & Summer season	17592	Dhanora Jungam, Wadgaon wan	FLD, Training, Field visit
10	Onion	Low yield due to 1.Variety 2. Nutrient Management 3. Post harvest loss 4. Pest management	2500	Pimpri Gawali, Kolori, Malkapur Vihigaon	OFT, Training
11	Turmeric	Low yield due to 1. Variety 2. Nutrient Management 3. Pest management	250	Sangrampur, Jalgaon Jamod, Khamgaon, Nandura	OFT, Training
12	Banana	Uneven nutrient supply in banana bunch	350	Jalgaon, Konti, Bhagatpura	OFT, Training, Field visit
13	Poultry deshi	Less eggs production Low weight gain Low growth rate	--	Kajegaon, Charban	1.OFT 2.Training
14	Cattle	Low production in cattle due to non cultivation of fodder crop	--	Dhanora J Wadgaon Van,	1.OFT 2.Training
15	Deshi poultry	Low production Lack of nutritious diet	--	Kajegaon, Charban	1.OFT 2.Training
16	Goat	Ignorance of regular deworming Parasitic infestation Low body weight gain	--	Dhanora J Wadgaon Van,	1. FLD 2. Training.
17	Dairy	Low milk Production Low weight gain Wastage of fodder	--	Dhanora J Wadgaon Van,	1.FLD. 2. Training
18	Milch animals	Incidence of mastitis. High cost of treatment. Low milk yield. Economic loss	--	Dhanora J Wadgaon Van,	1.FLD. 2.Training

19	BBF	Low yield due to absence of soil and water conservation measures in sorghum		Umapur sungaon jalgaon jamod	OFT & Trainings
20	Threshing	Low seed germination percentage in wheat	11000 ha	Dhanora Jn. Dnyangangapur,	OFT & Trainings
21	BBF	Low yield due to moisture stress in maize	6000 ha	Dhanora J.	OFT & Trainings
22	BBF	Low productivity in ground nut	1110 ha	JalgaonNimbhora ,sungaon	FLD & Trainings
23	Cotton slasher	Crop waste Management	15005 ha	Khadad, wankhed	FLD & Trainings
24	BBF	Low yield of chickpea.	35000 ha	Zadegaon Manegaon	Trainings
25	BBF	Low yield in saline tract region due to moisture stress in soybean-chickpea	42325 ha	Khiroda, Manasgaon,	FLD & Trainings
26	Sub soiler	Hard and compacted soil for cotton crop	15005 ha	Nimbhora, Borala Kajegaon, Wadshingi	FLD & Trainings
27	Pod stripper	Value addition of chickpea	3007 ha	Jalgaon Jamod, sungaon, Jamod, Bhalegaon, Jalka Bhadang	Training
28	Deseeding machine	absence of Processing and value addition of custard apple in growers	240ha	Kherda, Asalgaon	Training
29	Oyster mushroom	Unawareness about chemical sterilization method	--	Jamod ,Asalgaon , Sungaon Nandura, Kurangad	OFT, training Extension activity
30	Revolving stool and stand	Drudgery in milking	--	Tunki Rajura Wadgaon, Dhanora Jungam	OFT, training Extension activity
31	Soybean Mitten	High drudgery in harvesting, Scratch on hand	375000 ha	Khamgaon Nimgaon, Paturda, Rajura	FLD, Training
32	Solar dryer technology	Dehydrated food in unhygienic condition	--	Khangaon Jalgaon, Rajura	FLD Training Extension activity
33	Nutritional kitchen garden	Low nutritious diet	--	Dhanora, Rajura, Kherda ,	FLD, training Extension activity

3.1. C. Problem cause diagram of major problems.



3.2. Technologies to be assessed

A.1. Abstract on the number of technologies to be assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	Others	Total
Varietal Evaluation	--	01	--	--	--	--	--	--	--	--	01
Seed / Plant production	--	--	--	--	--	--	--	--	--	--	--
Weed Management	01	--	--	--	--	--	--	--	--	--	01
Integrated Crop Management	--	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient Management	--	--	--	--	--	01	--	--	01	--	02
Integrated Farming System	--	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--	--
Drudgery reduction	--	--	--	--	--	--	--	--	--	02	02
Farm machineries	03	--	--	--	--	--	--	--	--	--	03
Value addition	--	--	--	--	01	--	--	--	--	--	01
Integrated Pest Management	--	--	02	01	--	--	--	--	--	--	03
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--	--
Resource conservation technology	--	--	--	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--	--
Human Health	--	--	--	--	--	--	--	--	--	--	--
TOTAL	04	01	02	01	01	01	--	--	01	02	13

A.2. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds	--	--	--	--	--	--	--	--
Nutrition Management	--	01	--	--	--	--	--	01
Disease of Management	--	--	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--	--	--
Production and Management	--	--	--	--	--	--	--	--
Feed and Fodder	01	01	--	--	--	--	--	02
Small Scale income generating enterprises	--	--	--	--	--	--	--	--
TOTAL	01	02	--	--	--	--	--	03

B. Details of On Farm Trial / Technology Assessment during 2020

S N	Crop/enterprise & Season	Prioritized problem	Title of OFT	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the OFT (Rs.)	Parameters to be studied	Team members
1	Soybean Kharif	Varietal Monoculture	Assess the Yield performance of Soybean Variety AMS 1001	T1-JS-335 T2-AMS1001 T3-MACS-1188	Dr.PDKV, Akola 2017	Seed	30 kg	3400	7	23800	Plant height No. Branches No. Pods/plant No.Grains/Pod Yield, C: B Ratio	S.M.Umale A.T.Gabhane
2	Wheat Rabi	Weed management	Weed management in wheat	T1- Farmer Practice- Spraying of Metsulfuron methylal @8gm/acare T2- spraying of premix weedicide ClodinoFop- prppargyl15%+ Metsulfuron methylal 10% @ 160 gm/acare	Dr.PDKV, Akola 2019	Metsulfuron methylal And ClodinoFop- prppargyl 15% + Metsulfuron methylal 10%	160 gm	700	13	9100	Monocot weed /sq Dicot weed/plantmt Yield qt/ha WI % WCE, %	S.M.Umale A.T.Gabhane
3	Cotton Kharif	PBW has developed resistance to Bt cotton. Reduction in yield due to Incidence of PBW	Management of Pink bollworm (<i>Pectinophora gossypiella</i>) in Bt cotton	T1 (Farmers Practice) - 1 or 2 chemical pesticide sprays comprising of Chlorpyrifos 20 EC 30ml, Triazophos 40 EC 30 ml per 10 lit water							Percent green boll damage Percent loculi damage at harvest Yield (qt/ha) Cost of PP (Rs/ha) C:B ratio	Mr. Anil Gabhane & Mr. Sanjay Umale
				T2- 1 st Spray profenophos 50 EC @ 20 ml per 10 lit water at 60 DAS 2 nd Spray Emamectin benzoate 5 SG @ 4.4 g per 10 lit water at 80 DAS and 3 rd spray Lambda	MPKV Rahuri, Joint Agrosco - 2018	Profenophos 50 EC Emamectin Benzoate 5 SG Lambda cyhalothrin 5 EC	500 ml 100 g 250 ml	284 420 197	07	1988 2960 1379 6327		

				cyhalothrin 5 EC @ 10 ml per 10 lit water at 100 DAS								
				T3- Installation of Pheromone Traps @ 2/acre for monitoring at square formation, Spray Azadirachtin 300 ppm @ 50ml/10 lit at flower initiation, 6 to 7 Inundative releases of <i>Trichogramma bactrae</i> 60,000 per acre, Plucking of rosette flowers, ETL based application of Thiodicarb 75 WP 20 g per 10 lit water at boll formation followed by Deltamethrin 2.8 EC 10 ml per 10 lit water	IPM package for Cotton 2017, Dr. PDKV, Akola	Pheromone traps Pectinolures Azadirachtin 300 ppm Trichocard Thiodicarb 75WP Deltamethrin 2.8 EC	2 4 500 ml 18 500g 250 ml	25 20 237 900 1200 135	07	350 560 1659 6300 8400 945 17269		
4	Pigeon pea Kharif	Reduction in yield due to incidence of pod borer complex	Management of pigeonpea pod borer complex	T1- Farmers practice								
				T2- 1 st spray - Cloranthraniliprole 18.5 SC @3 ml per 10 lit water at 50 per cent flowering 2 nd spray- Flubendiamide 39.35 SC @2 ml per 10 lit water at pod filling stage	Dr. VNMKV, Joint Agresco - 2018	Cloranthraniliprole 18.5 SC Flubendiamide 39.35 SC	60 ml 40 ml	720 450	07	5040 3150 ----- 8190	Percent pod damage Yield (qt/ha) Cost of PP (Rs/ha) C:B ratio	Mr. Anil Gabhane & Mr. Sanjay Umale
				T3:1 st spray Azadirachtin 300 ppm 50 ml /10 lit water 50% flowering 2 nd Spray Emamectin Benzoate 5 SG 4.4 g/10 lit water based on ETL 3 rd spray Lambda	Major uses of Pesticides, CIBRC publication 2018	Azadirachtin 300 ppm Emamectin benzoate 5 SG Lambda cyhalothrin	500 ml 100 g 250 ml	237 420 197	07	1659 2940 1379 ----- 5978		

				cyhalothrin 5 EC 10 ml/ 10 lit water based on ETL								
5	Chickpea	Low yield due to helicoverpa infestation	Management of helicoverpa in chickpea	T1: Farmers practice							No. of larvae/mrl Pod damage % Yield qt/ha Cost of PP Rs/ha	Mr. Anil Gabhane & Mr. Sanjay Umale
				T2: Spraying of eithion 50% EC @ 20ml/ 10 lit water at 50% flowering followed by cloranttriniprole 18.5SC @ 2.5ml/10 lit water	Dr PDKV Akola 2019	Eithion 50% EC Cloranttriniprole 18.5SC	500 ml 60 ml	550/- 840/-	07	9730/-		
				T3: Clean cultivation and deep summer ploughing Mixing 100 g Jowar seeds at the time of sowing Sowing two rows of coriander and mustard around the crop Installation of bird perches @50/ha Installation of pheromone traps 5/ha Spraying NSE 5% at 50% flowering spraying He ar NPV 500 LE/ha at the time of pod formation Spray Emamectin benzoate 5SG @ 4g/10 lit water at pod filling stage	VNMKV Parbhani 2017	pheromone traps 5/ha Neem seed powder He ar NPV Emamectin benzoate 5SG	2 5 kg 200 LE 100gm	200/- 500/- 550/- 570/-	07	12740/-		
6	Onion Rabi	Reduction in yield due to post harvest loss at onion	Assessment on Onion Storage structure by application of perforated P.V.C. pipe	1. farmers practice – Onion storage in storage structure 2 storage of Onion in storage structure with incorporation of perforated P.V.C. pipe	PDKV Akola 2017	Perforated PVC pipe	4	1000/-	14	14000/-	Onion storgae days No. of bulbs deteriorate/sqmt B:C ratio	Mr. S.P. Datey

		storage structure		after field curing having size 5*1.5*1 meter								
7	Turmeric Kharif	Reduction in yield due to nutrient mismanagement	Assessment of Turmeric special micronutrient in Turmeric crop.	1 Farmers practice-application of mix multi-micronutrient as soil base. 2, Application of foliar crop specific Turmeric special micronutrient	IISR, Kozhikode	Turmeric special micronutrient	2kg	1050/-	14	14700/-	Avg. Fresh Rhizomes weight, No. of leaves/plant, Avg. Leaf area, No. of days to harvest Avg. Rhizoms wt.	Mr. S.P. Datey
8	Banana	Nutrient Management	To Assess feeding of banana bunch for enhancing the size of finger	T1 – Farmers Practise					07	7500/-	Avg bunch weight, 'A' grade fruit % on bunch, Aveg yield/ha, day to harvest, B: C ratio	Mr. SP Datey
				T2 – Banana bunch feeding through distal end of rachis	IIHR, Bangalore	Urea, Sulphate of Potash	2 kg & 1 kg each	1500/-				
				T3 – Potassium bio-orthophosphate spraying on banana bunch	Dr. PDKV Akola	Potassium Bio-orthophosphate	3kg	1000/-				
9	Poultry	1.Low eggs production 2. Low weight gain.	Assess the performance of new variety Kaveri breed under backyard Poultry	T ₁ – Deshi birds T ₂ - Giriraja birds T ₃ – Kaveri birds 1 month age	Central Poultry development organisation Odisha	Kaveri birds 1 month age	10	2000	11	22000	Avg. body weight gain Age at sexual maturity stage Avg Eggs prod	V.S. Janotkar
10	Feed and Fodder	Low yield and non availability of green fodder during scarcity period	Evaluation of Hybrid napier variety of fodder CO5	T ₁ – Farmers practice Cultivation of maize T ₂ – Cultivation of CO4 T ₃ – Cultivation of CO5	TNAU, Coimbatore.	Thomb	250 sets	1000	11	11000	Avg Green fodder production Avg. Milk Production B:C Ratio	V.S. Janotkar
11	Deshi Birds	Low weight gain	Assessment on use of 5 % Azolla powder in feed	T ₁ – Available feed T ₂ – T ₁ + 5 % Azolla powder in feed	Dr.PDKV, Akola	Azolla powder	--	--	11	8000/-	Avg weight gain B:C ratio	V.S. Janotkar

12	Sorghum-Kharif	Low yield due to moisture stress	Sowing of Kharif sorghum on four row 1.5 m. BBF at 45 cm by tractor	T1 : Tractor seed drill T2 : Bullock drawn seed drill T3 : Sowing of Kharif sorghum on four row 1.5 m. BBF at 45 cm by tractor	Dr. PDKV Akola 2018	Hiring charges	0.4 ha/trial	1000/-	15	15000/-	Yield (q/ha) Net Returns (Rs/ha) B:C ratio	N.P. Talokar & V.G. Jadhao
13	Wheat	Low germination percentage seed loss in threshing	Storage study of wheat obtained by combined harvester & thresher	T1: Threshing by combine harvester T2: Threshing with tractor drawn thresher	Junagadh Agril. Uni. Junagadh 2007-08	Threshing & labour charges	0.4 ha/trial	2000/-	7	14000/-	Germination percentage, Seed viability test	N.P. Talokar & V.G. Jadhao
14	Maize	Low yield due to Moisture stress	Sowing of kharif maize on BBF	T1 : Dibbling T2 : Sowing of kharif maize on three row BBF at 60x20 cm	MPKV, Rahuri	Hiring charges	0.4 ha/trial	1000/-	11	11000/-	Moisture content,% Yield qt/ha B:C ratio	N.P. Talokar & V.G. Jadhao
15	Mushroom	Unawareness about chemical sterilization method	Assess the effect of straw sterilization practice on yield of oyster mushroom	T1:boiling method T2:Chemical method (formalin & bavistin)	Dr. PDKV Akola	Formalin, bavistin	--	600/-	10	6000/-	Yield% Quality, Incubation period & Harvesting period Labour, time saving	J.W.Bobde & V.G. Jadhao
16	Milking stool and stand	Unawareness about Drudgery reduction tools	Assess the effect of milking stool & stand for drudgery reduction	T1: Farmers practice T2: Use of Milking Stool	VNMKV Parbhani	Milking stool and stand	--	1000/-	07	7000/-	Time required Drudgery	J.W.Bobde & V.G. Jadhao

3.3. Frontline Demonstrations

A. Details of FLDs to be organized -

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs with cost (Rs.)	Season and year	Area (ha)	No. of farmers/demon.	Name of Village	Parameters identified
1	Greengram	BM2003-2	ICM	Variety+ Biofertilizer	Seed Biofertilizer Soil Testing (Rs. 40000/-)	Kharif -20	10	25	Dhanora J Wadgaon Wan	No. of pods/plant Height (cm) Yield qt/ha
2	Blackgram	AKU10-1	ICM	Variety+ Biofertilizer	Seed Biofertilizer Soil Testing (Rs. 40000/-)	Kharif-20	10	25	Dhanora J Wadgaon Wan	No. of pods/plant Height (cm) Yield qt/ha
3	Pigeonpea	BDN716	ICM	Variety+ Biofertilizer	Seed Biofertilizer Soil Testing (Rs. 90000/-)	Kharif-20	10	25	Dhanora J Wadgaon Wan	No. of pods/plant Height (cm) Yield qt/ha
4	Bengalgram	RVG202	ICM	Variety+ Biofertilizer	Seed Biofertilizer Soil Testing (Rs.180000/-)	Rabi-20	20	50	Dhanora J Wadgaon Wan	No. of pods/plant Height (cm) Yield qt/ha
5	Soybean	MACS-1188	ICM	Variety+ Biofertilizer	Seed Biofertilizer Soil Testing (Rs. 70000/-)	Kharif-20	10	25	Dhanora J Wadgaon Wan	No. of pods/plant Height (cm) Yield qt/ha
6	Soybean	JS-335	IPM	Management of stem fly and girdle beetle in soybean	Thiamethoxam 30 FS @ 10 ml/kg seed Triazophos 40 EC 12.5 ml/10 lit Lambda cyhalothrin 5 EC @ 10 ml/10 lit Total Rs.63722	Kharif-2020	10	25	Dhanora J Wadgaon Wan	Per cent stem fly incidence Girdle beetle incidence per MRL yield (kg/ha) B:C Ratio

7	Piegaon pea	ICPL-87119	IDM	Management of wilt in pigeaon pea Treat the seed of pigeaon pea with combined product of fungicide Carboxin 37.5% + Thiram 37.5 % @ 3 g/kg followed by Trichoderma virde @ 10 g/ kg seed to reduce the wilt incidence and more monetary return	Carboxin 37.5% + Thiram 37.5 % @ 3 g/kg Trichoderma virde @ 10 g/ kg seed Total cost Rs.9375/-	Kharif-2020	10	25	Dhanora J Wadgaon Wan	1) Disease Intensity (%) 2) yield (kg/ha) 3) B:C Ratio
8	Maize	PRO AGRO RIDER	IPM	Management of fall army worm in Maize	Pheromone traps @ 2 traps /acre cyantraniliprole 19.8% + thiamethoxam 19.8% @ 4ml per kg seed Azadiraction 1500PPM @ 50ml Clorantriliprole 18.5% @ 3ml Total Rs.75000/-	Kharif-2020	15	35	Dhanora J Wadgaon Wan	1) No of affected plants/mrl 2) yield (kg/ha) 3) B:C Ratio
9	Turmeric	IISR Pragati	Varietal Evaluation	Demonstration of Short duration & high yielding Turmeric variety IISR Pragati	IISR Pragati seed rhizomes @ 100 kg / treatment for 13 farmers @Rs.3000/- Total cost – 39000/-	Kharif 2020	5.2Ha	13	Dhanora J Wadgaon Wan	1) Avg crop duration(days) 2) Avg wt. of fresh rhizomes 3) Yield, qt/ha 4) B:C ratio

10	Citrus	Nagpuri Santra	Nutrient Management	Demonstration of IISR, developed Microbial consortium in Citrus crop	Application of IISR developed Microbial consortium @ 5 capsule/treatment for 13 farmers @ Rs.750/-(Total cost - 9750/-)	Mrug Bahar 2020	5.2Ha	13	Dhanora J Wadgaon Wan	1)Aveg crop duration(days) 2) Aveg wt. of fruit 3) Aveg. Yield/ha 4) B:C ratio
11	Onion	AGFLR	Weedicide application	Demonstration of weedicide Oxyflurofen 23.5 EC @ 1.0 ml/l + Quizolofop- ethyl @ 2.0 ml/l of water at transplanting & second spray at 30 DAT	Oxyflurofen 23.5 EC @ 1.0 ml/l + Quizolofop- ethyl @ 2.0 ml/l for 13 treatments. Total cost = 12500/-	Rabi 2020	5.2Ha	13	Dhanora J Wadgaon Wan	1)Aveg weed count/m2 2) Aveg no. of weeding/area 3) crop stand/m2 4) Aveg. Yield/ha 5) B:C ratio
12	Soybean	--	Drudgery reduction	Soya Mitten	Soya Mitten Rs.3000/-	Rabi 2020	5	13	Dhanora J Wadgaon van, Garpeth, Hanwatkhed	Area Cover/day No of scratch BPDS
13	Vegetable (curry leaves)	--	Value Addition	Bamboo solar dryer	Solar dryer Rs.35000/-	Rabi 2020	--	10	Sungaon, Khamgaon	Time requirement Nutrient loss Quality (Colour& test)
14	Vegetable	--	Women & Child care	Nutrition Garden	Vegetable seeds, fruit plant, medicinal plant Rs. 7500/-	Kharif 2020	--	50	Umapur, Rajura, Garpeth, Hanwatkhe dCharban, Dhanora, Wadgaon, Sulaj	Vegetable cost of saving /month Yield Cansimion ratio fruit and Vegetable

Sponsored Demonstration

Season	Crop	Technology	Area (ha)	Name of Village	No. of farmers
Mrug	Citrus	INM	10.0	Sonala,Sagoda,Jamod	25
Summer	Watermelon	Crop cover	5.0	Warwat, Durga Daity	10
Kharif	Soybean	BBF	6.0	Borala,Kherda	15
Rabi	Wheat	Varietal	10.0	Dhanora, Wadgaon	25
Kharif	Cotton	IPM	20.0	Dhanora, Wadgaon	50

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Months	Number of participants
1	Field days	14	Sept,Oct, Nov, Dec. 2020	690
2	Farmers Training	18	June, July, Aug, Oct.2020	460
3	Media coverage	8	May-Dec.2020	
4	Training for EF	2	July, Sept. 2020	60
5	Field visit	25	Sept,Oct, Nov, Dec. 2020	125

C. Details of FLD on Enterprises

a. Farm Implements

Name of Technology	Crop	Season and year	Village	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
Enhancing productivity of summer Groundnut through use of BBF planter	Groundnut	Summer	Sungaon Nimbhora and Jalgaon Jamod	25	10	Hiring charges 25000/-	Field efficiency(%) Yield q/ha Net Return (Rs/ha)
Use of Cotton Slasher	Cotton	Summer	Khadad, Kolad, wankhed	25	10	Hiring charges 25000/-	Biomass incorporation t/ha Labour saving
Sowing of Soybean– Chickpea along with contour with protective irrigation	Soybean/chickpea	Kharif/rabi	Khiroda Manegaon	30	10	Hiring charges 30000/-	Field efficiency (%) Yield, q/ha Net Return (Rs/ha)
Use of Subsoiler for resource conservation	Cotton	Summer	Bhastan Kajegaon	15	06	Hiring charges 15000/-	M.C.% Bulk density, g/cc Yield, q/ha

b. Livestock Enterprises

Enterprise	Season	Breed	Village	No. of farmers	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators
Goat	--	Local	Khamga on nandura jamod Kaunti	10	50 goats	Inj. Ivermectin	Av. Weight gain Health status Exam. Faecal sample before and after trail
Cattle	--	Local	Jamod, umra, kaunti, shetkhed	10	20	Supply of Silage bag	Av. Milk yield Health status Acceptability of feed for consumption
Cow	--	Local	Umra, sonala, jamod, nipana	12	20	Supply of CMT reagent	Av. Milk Production Expenditure on treatment Incidence of mastitis

Agriculture Extension

Impact Assessment of frontline demonstration of MACS 1188 Soybean Variety on beneficiary farmers.

Title	:	Impact of frontline demonstration of MACS 1188 Soybean Variety on beneficiary farmers
Objectives	:	To study the profile of FLD beneficiary and Non Beneficiary farmers. To study impact of MACS 1188 variety on beneficiary Farmers To Study the constraints faced by farmers in adoption of demonstrated technology.
Local of study	:	KVK, Buldhana-1 jurisdiction
Research design	:	Exploratory research design
Selection of Respondents	:	50 FLD beneficiary farmers & 50 Non Beneficiary farmers will be selected for the impact assessment.
Variables and their measurements:		
Independent Variables		
Age		Chronological age of the respondents in years
Education		No. of standards of formal schooling passed
Experience of farming		No. of years for intervened crop cultivation
Land holding		Total land possessed by the trainees(ha.)
Annual Income		Total income generated in the study year
Scientific orientation		Scale developed by Supe, 1969 use for the study
Economic motivation		Scale developed by Supe, 1969 use for the study
Risk Preference		Scale developed by Supe, 1969 use for the study
Intervening Variable		
Knowledge		Knowledge is defined as a body of understood information possessed by an individual about recommended technologies. It will be measured with the help of following formula.
Adoption		Adoption is operationally defined as the degree of actual use of recommended technologies. It will be measured with the help of following formula.
Dependent variables		
Impact		In operational term, it is defined as the effect of recommended technologies on the Beneficiaries. The effect was ascertained in terms of change in knowledge, adoption, yield and annual income of Beneficiaries. Impact = Percent change in knowledge + per cent change in adoption + per cent change yield + per cent change annual income/4
Percent Change in Knowledge		Percent change in knowledge will be measured on the basis of difference between the mean knowledge score of beneficiary farmers and non beneficiary farmers.
Change in Knowledge =		$\frac{\text{Mean knowledge score of beneficiary farmers} - \text{Mean knowledge score of non-beneficiary farmers}}{\text{Mean knowledge score of non-beneficiary farmers}} \times 100$

Change in Adoption	<p>Percent change in adoption will be measured on the basis of difference between the mean adoption of beneficiary farmers and non beneficiary farmers.</p> $\text{Change in adoption} = \frac{\text{Mean adoption score of beneficiary farmers} - \text{Mean adoption score of non-beneficiary farmers}}{\text{Mean adoption score of non-beneficiary farmers}} \times 100$
Change in Yield	<p>Percent change in yield will be measured on the basis of difference between the mean yield of beneficiary farmers and non beneficiary farmers.</p> $\text{Yield} = \frac{\text{Mean yield score of beneficiary farmers} - \text{Mean yield score of non-beneficiary farmers}}{\text{Mean yield score of non-beneficiary farmers}} \times 100$
Change in Income	<p>Percent change in income will be measured on the basis of difference between the mean income of beneficiary farmers and non beneficiary farmers.</p> $\text{Change in income} = \frac{\text{Mean income score of beneficiary farmers} - \text{Mean income score of non-beneficiary farmers}}{\text{Mean income score of non-beneficiary farmers}} \times 100$
Collection and analysis of data	
	<p>: The interview schedule was constructed in accordance with the study objectives and it was used for data collection. The respondents were contacted either at farm or home and the information in the interview schedule was collected. The information analysis with suitable statistical tools and report writing</p>

2. Evaluation of training effectiveness of major training programmes organized by KVK, Buldhana-1 (2020-21)

	Title	:	Evaluation of training effectiveness of major training programmes organized by KVK, Buldhana (2020-21)
	Objectives	:	1. To study the profile of the selected trainees. 2. To study training effectiveness 3. To Study the impact of training
	Local of study	:	KVK, Buldhana-1 jurisdiction
	Research design	:	Experimental research design
	Selection of Respondents	:	On Campus training of each SMS will be selected for the study and beneficiary farmers will be considered for the study.
VI.	Variables and their measurements:		
	Age	:	Chronological age in years
	Education	:	No. of standards of formal schooling passed
	Experience of farming	:	No. of years for intervened crop cultivation
	Land holding	:	Total land possessed by the trainees(ha.)
	Annual Income	:	Total income generated in the study year
	Innovativeness	:	Scale developed by Singh 1972 will be used for the study
	Scientific orientation	:	Scale developed by Supe, 1969 will be used for the study
	Economic motivation	:	Scale developed by Supe, 1969 will be used for the study
VII.	Training effectiveness indicators:		
	Topics covered	:	<p>The responses for each item will be sought on Five point continuum as applicable and the scoring will be done accordingly.</p> $T. E. Index = \frac{\text{Actual obtained score of all indicator of training effectiveness}}{\text{Maximum obtainable score of all indicator of training effectiveness}} \times 100$
	Utility of topics	:	
	Relevance of lectures	:	
	Fulfillment of expectation	:	
	Practical Orientation	:	
	Relevancy of study material provided	:	
	Overall quality of training	:	
VIII.	Impact of trainings	:	To test pre and post training knowledge of the trainees, a separate knowledge test containing common list of different topics to be delivered in programme will be prepared and utilized to know knowledge gain.
	Collection and analysis of data		
		:	The data will be calculated before and after the training. The data analysis with suitable statistical tools and report writing

3.4. Training (Including the sponsored and FLD training programmes)

A. ON Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		M	F	T	M	F	T	
(A) Farmers & Farm Women								
I. Crop Production								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	4	108	24	132	12	6	18	150
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II. Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0
Exotic vegetables like Broccoli	01	15	00	15	05	00	05	20
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	01	15	00	15	05	00	05	20
b) Fruits								
Training and Pruning	01	15	00	15	05	00	05	20
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	01	15	00	15	05	00	05	20
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology								

Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	01	15	00	15	05	00	05	20
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	01	15	00	15	05	00	05	20
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	01	15	00	15	05	00	05	20
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	1	15	3	18	1	1	2	20
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	1	15	3	18	1	1	2	20
IV. Livestock Production and Management								
Dairy Management	2	24	0	24	6	0	6	30
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	2	24	0	24	6	0	6	30
Feed management	3	40	0	40	10	0	10	50
Production of quality animal products	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
Income generation activities for empowerment of rural Women	02	00	30	30	00	10	10	40
Location specific drudgery reduction technologies	02	00	30	30	00	10	10	40
Rural Crafts	01	00	15	15	00	05	05	20
Women and child care	0	0	0	0	0	0	0	0
VI. Agril. Engineering								
Installation and maintenance of micro	01	20	0	20	5	0	05	25

irrigation systems								
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	01	9	0	09	04	0	04	13
Small scale processing and value addition	01	0	42	42	0	8	08	50
Post Harvest Technology	01	30	15	45	04	06	10	55
VII. Plant Protection								
Integrated Pest Management	03	54	0	54	06	0	06	60
Integrated Disease Management	01	18	0	18	02	0	02	20
Bio-control of pests and diseases	01	18	0	18	02	0	02	20
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII. Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX. Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics								
Leadership development								
Group dynamics	01	24	04	28	01	01	02	30
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0
WTO and IPR issues	01	24	04	28	01	01	02	30

XI. Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	36	528	170	698	96	49	145	843
(B) RURAL YOUTH								
Mushroom Production	01	00	15	15	00	05	05	20
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	2	32	2	34	5	1	6	40
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture (verm compost production)	01	18	0	18	02	0	02	20
Sericulture	02	42	04	46	03	01	04	50
Protected cultivation of vegetable crops	01	15	00	15	05	00	05	20
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	01	15	00	15	05	00	05	20
Training and pruning of orchards	01	15	00	15	05	00	05	20
Value addition	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	1	15	0	15	0	0	0	15
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	2	25	0	25	5	0	5	30
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	12	177	21	198	30	07	37	235

(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	02	240	40	280	40	20	60	340
Integrated Nutrient management	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	01	25	10	35	10	05	15	50
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	01	24	04	28	01	01	02	30
Information networking among farmers	01	24	04	28	01	01	02	30
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	01	24	04	28	01	01	02	30
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	15	0	15	5	0	5	20
Household food security	02	00	60	60	00	20	20	80
Women and Child care	01	00	30	30	00	10	10	40
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Weed management	1	15	2	17	2	1	3	20
Seed Production	1	15	2	17	2	1	3	20
TOTAL	12	382	156	538	62	60	122	660
G. Total	60	1087	347	1434	188	116	304	1738

B. OFF Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand
		M	F	T	M	F	T	Total
(A) Farmers & Farm Women								
I. Crop Production								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	2	40	0	40	10	0	10	50
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	1	15	3	18	1	1	2	20
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II. Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	01	15	00	15	05	00	05	20
Layout and Management of Orchards	01	15	00	15	05	00	05	20
Cultivation of Fruit	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0

Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management								
Soil fertility management	2	30	6	36	2	2	4	40
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	2	39	07	46	02	02	04	50
Management of Problematic soils	1	15	3	18	1	1	2	20
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	1	15	3	18	1	1	2	20
Soil and Water Testing	01	24	04	28	01	01	02	30
IV. Livestock Production and Management								
Dairy Management	3	45	0	45	15	0	15	60
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management /goat	0	0	0	0	0	0	0	0
Disease Management	1	15	0	15	5	0	5	20
Feed management	1	15	0	15	5	0	5	20
Production of quality animal products	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	01	00	15	15	00	05	05	20
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0

Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	01	00	15	15	00	05	05	20
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	01	00	15	15	00	05	05	20
Value addition	02	00	30	30	00	10	10	40
Income generation activities for empowerment of rural Women	01	00	15	15	00	05	05	20
Location specific drudgery reduction technologies	01	00	15	15	00	05	05	20
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
VI. Agril. Engineering								
Installation and maintenance of micro irrigation systems	01	15	0	15	05	0	05	20
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	03	45	0	45	15	0	15	60
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	02	40	0	40	10	0	10	50
VII. Plant Protection								
Integrated Pest Management	04	72	0	72	08	0	08	80
Integrated Disease Management	02	36	0	36	04	0	04	40
Bio-control of pests and diseases	02	36	0	36	04	0	04	40
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII. Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0

Fish processing and value addition	0	0	0	0	0	0	0	0
IX. Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production (Horti.)	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	01	24	04	28	01	01	02	30
Organic manures production (A.S.)	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs(HS)	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	01	24	04	28	01	01	02	30
WTO and IPR issues	0	0	0	0	0	0	0	0
XI. Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems (Agro)	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	40	575	139	714	101	45	146	860

C. Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants							Grand Total
		Others			SC/ST				
		M	F	T	M	F	T		
(A) Farmers & Farm Women									
I. Crop Production									
Weed Management	0	0	0	0	0	0	0	0	
Resource Conservation Technologies	2	40	0	40	10	0	10	50	
Cropping Systems	0	0	0	0	0	0	0	0	
Crop Diversification	0	0	0	0	0	0	0	0	
Integrated Farming	1	15	3	18	1	1	2	20	
Water management	0	0	0	0	0	0	0	0	
Seed production	0	0	0	0	0	0	0	0	
Nursery management	0	0	0	0	0	0	0	0	
Integrated Crop Management	4	108	24	132	12	6	18	150	
Fodder production	0	0	0	0	0	0	0	0	
Production of organic inputs	0	0	0	0	0	0	0	0	
II. Horticulture									
a) Vegetable Crops									
Production of low volume and high value crops	0	0	0	0	0	0	0	0	
Off-season vegetables	0	0	0	0	0	0	0	0	
Nursery raising	0	0	0	0	0	0	0	0	
Exotic vegetables	01	15	00	15	05	00	05	20	
Export potential vegetables	01	15	00	15	05	00	05	20	
Grading and standardization	0	0	0	0	0	0	0	0	
Protective cultivation (Green Houses, Shade Net etc.)	01	15	00	15	05	00	05	20	
b) Fruits									
Training and Pruning	02	30	00	30	10	00	10	40	
Layout and Management of Orchards	01	15	00	15	05	00	05	20	
Cultivation of Fruit	0	0	0	0	0	0	0	0	
Management of young plants/orchards	0	0	0	0	0	0	0	0	
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	
Export potential fruits	0	0	0	0	0	0	0	0	
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	
Plant propagation techniques	01	15	00	15	05	00	05	20	
c) Ornamental Plants									
Nursery Management	01	15	00	15	05	00	05	20	
Management of potted plants	0	0	0	0	0	0	0	0	
Export potential of ornamental plants	0	0	0	0	0	0	0	0	
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	

d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	01	15	00	15	05	00	05	20
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	01	15	00	15	05	00	05	20
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	01	15	00	15	05	00	05	20
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management								
Soil fertility management	2	30	6	36	2	2	4	40
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	1	15	3	18	1	1	2	20
Production and use of organic inputs	1	0	0	0	10	15	25	25
Management of Problematic soils	1	15	3	18	1	1	2	20
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	1	15	3	18	1	1	2	20
Soil and Water Testing	2	39	7	46	2	2	4	50
IV. Livestock Production and Management								
Dairy Management	5	69	0	69	21	0	21	90
Poultry Management	3	39	0	39	11	0	11	50
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0
Feed management	4	55	0	55	15	0	15	70
Production of quality animal products	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	01	00	15	15	00	05	05	20
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	01	00	15	15	00	05	05	20
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	01	00	15	15	00	05	05	20
Value addition	04	00	60	60	00	20	20	80
Income generation activities for	03	00	45	45	00	15	15	60

empowerment of rural Women								
Location specific drudgery reduction technologies	02	00	30	30	00	10	10	40
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
VI. Agril. Engineering								
Installation and maintenance of micro irrigation systems	2	35	0	35	10	0	10	45
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	4	54	0	54	19	0	19	73
Small scale processing and value addition	1	0	42	42	0	8	8	50
Post Harvest Technology	3	70	15	85	14	6	20	115
VII. Plant Protection								
Integrated Pest Management	7	126	0	126	14	0	14	140
Integrated Disease Management	3	54	0	54	6	0	6	60
Bio-control of pests and diseases	3	54	0	54	6	0	6	60
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII. Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX. Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	1	24	4	28	1	1	2	30
Production of organic input	1	24	4	28	1	1	2	30
Production of fry and fingerlings	0	0	0	0	0	0	0	0

Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics								
Leadership development								
Group dynamics	01	24	04	28	01	01	02	30
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	01	24	04	28	01	01	02	30
WTO and IPR issues	01	24	04	28	01	01	02	30
XI. Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
Sponsored training	0	0	0	0	0	0	0	0
TOTAL	78	1118	306	1424	216	108	324	1748
(B) RURAL YOUTH								
Mushroom Production	01	00	15	15	00	15	05	20
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	03	50	0	50	10	0	10	60
Integrated Farming	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	01	18	0	18	02	0	02	20
Sericulture	02	42	4	46	3	1	4	50
Protected cultivation of vegetable crops	01	15	00	15	05	00	05	20
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	01	15	00	15	05	00	05	20
Training and pruning of orchards	01	15	00	15	05	00	05	20
Value addition	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	01	15	0	15	0	0	0	15
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	02	25	0	25	05	0	05	30
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0

Composite fish culture	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	13	195	19	214	35	6	41	255
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	02	240	40	280	40	20	60	340
Integrated Nutrient management	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	01	25	10	35	10	05	15	50
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	1	24	4	28	1	1	2	30
Information networking among farmers	1	24	4	28	1	1	2	30
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	1	24	4	28	1	1	2	30
Management in farm animals								
Livestock feed and fodder production	01	15	0	15	5	0	5	20
Household food security	02	00	60	60	00	20	20	80
Women and Child care	01	00	30	30	00	10	10	40
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Seed production	1	15	2	17	2	1	3	20
Weed Management	1	15	2	17	2	1	3	20
Total	12	382	156	538	62	60	122	660
G. TOTAL	103	1695	481	2176	313	174	487	2663

Details of training programmes attached in **Annexure -I**

3.5. A Extension Activities (including activities of FLD programmes)

Sl. No.	Nature of Extension Activity	Date(s)	Title of the programme	Name of the village	Expected number of participants			Anticipated Expenditure (Rs.)	Proposed Expert / Guest
					Male	Female	Total		
I	Field Day								
1		Oct/Nov. 2020	IPM in soybean	Dhanora J	40	10	50	7500/-	SDAO, TAO
2		Dec. 2020	IPM in pigeon pea	Wadgaon Van	40	10	50	7500/-	SDAO, TAO
3		Sept.2020	Greengram	Dhanaora	50	20	70	6000/-	TAO
4		Sept.2020	Blackgram	Hanwatkhed	40	10	50	5000/-	Sarpanch,TAO
5		Oct..2020	Soybean	Dhanora	100	25	125	10000/-	Sarpanch,TAO
6		Dec.2020	Pigeonpea	Wadgaon wan	100	25	125	10000/-	Sarpanch,TAO
7		March 2020	Bengalgarm	Kolad	100	25	125	10000/-	Sarpanch,TAO
8		April 2020	Benefits of Planting Summer Groundnut on BBF Method	Sungaon	100	0	100	10000/-	V.G. Jadhao / S.M. Umale
9		Oct 2020	Benefits of sowing across slope along contour in saline tract region	Khiroda	100	0	100	10000/-	V.G. Jadhao / S.M. Umale
10		Dec.2020	Nutritional garden	Umapur	20	30	50	5000/-	Sarpanch
11		Sept. 2020	Soya Mitten	Rajura	20	30	50	5000/-	Sarpanch
II	Kisan Mela (2 nos)	May, Sept 2020	Pre Kharif and Pre Rabi Krishi Mela	KVK	300	100	400	40000/-	SDAO, TAO
III	Kisan Ghoshti (8 nos)	Jan- Dec. 2020	Organic farming , sericulture, Bee keeping, Vermi-composting Soil & water testing , Nutritional garden,	Bhendwal, Dhanora J, Wadgaon Van, Shegaon, Nandura,	120	50	170	90000/-	TAO, Sarpanch

			drudgery reduction						
IV	Exhibition (1)	Jan 2020	Agriculture & SHG exhibition	KVK	9674	2226	11900	275000/-	SAO, SDAO, ADO, SDM
V	Film Show (6 nos)	April, June, Aug, Oct, Nov, Dec. 2020	BBF technology Organic farming , sericulture, Bee keeping, Vermi- composting Soil & water testing, Nutritional garden	Kajegaon, Dhanora J, Wadgaon Van, Sangrampur, Jalgaon	100	20	120	60000/-	TAO
VI	Farmers Seminar (2 nos)	May, Oct. 2020	Sericulture, Organic farming	Asalgaon, Dhanora J	250	50	300	20000/-	TAO, Sarpanch
VII	Workshop (1)	Oct. 2020	Low cost agriculture technology	KVK	150	50	200	15000/-	SDAO
VIII	Group meetings (12 nos)	Jan-Dec. 2020	Monthly meeting	Kajegaon, Dhanora J, Wadgaon Van, Sangrampur, Jalgaon	200	40	240	24000/-	TAO
IX	Lectures delivered as resource persons (15 nos)	Jan-Dec. 2020	IPM, INM, in cotton soybean & bengalgram	Jalgaon, Sangrampur, Shegaon, Nandura, Khamgaon, Malkapur	1500	200	1700	--	TAO
X	Newspaper coverage	Jan-Dec. 2020	KVK activites	50 nos.	--	--	--	--	--
XI	Advisory Services (KMAS) (40nos)	Jan-Dec. 2020	Crop, Enterprize, Animal Husbandry, Marketing	Buldana district	--	--	--	--	--
XII	Scientific visit to	Jan-Dec.2020	Field visit (120)	40 villages	220	30	250	15000/-	SDAO, TAO

	farmers field								
XIII	Farmers visit to KVK	Jan-Dec.2020	--	KVK	4000	1000	5000	20000/-	
XIV	Diagnostic visits (30 nos)	Jan-Dec.2020	Major crop problems	Jurisdictional area	140	15	155	15500/-	SDAO, TAO
XV	Exposure visits (2 nos)	Oct, Dec. 2020	Exposure visit	PDKV Akola, CIAE Bhopal	80	20	100	50000/-	
XVI	Ex-trainees Sammelan (2 nos)	Aug, Nov. 2020	Experience sharing	Talawswada, Konti,	90	10	100	15000/-	
XVI I	Soil health Camp (10 nos)	Apr, May, June, 2020	Soil health management	Dhanora J, wadgaon Van, Nimbhora, Kherda Shegaon, Nandura, Khamgaon	450	50	500	75000/-	SDAO, TAO
XVI II	Animal Health Camp (6 nos)	Jan-Dec.2020	Vaccination, health camp	Dhanora J, wadgaon Van, Charban, Kajegaon	300	--	300	15000/-	
XIX	Agri mobile clinic	--	--	--	--	--	--	--	--
XX	Soil test campaigns (4nos)	Apr, May,Dec. 2020	Soil health management	Dhanora J, wadgaon Van, Nimbhora, Kherda	150	10	160	10000/-	
XXI	Farm Science Club Conveners meet	--	--	--	--	--	--	--	--
XXI I	Self Help Group Conveners Meetings (12nos)	Jan-Dec. 2020	Monthly meeting	Kajegaon, Dhanora J, Wadgaon Van, Sangrampur,	200	40	240	24000/-	TAO

				Jalgaon					
XXI II	Mahila Mandals Conveners meetings (12 nos)	Jan-Dec. 2020	Monthly meeting	Kajegaon, Dhanora J, Wadgaon Van,	200	40	240	24000/-	TAO
XXI V	Celebration of important days World Women Day World Soil Day World Food Day Kisan Diwas Kisan Mahila Diwas	Mar, July, Oct, Dec 2020	World Women Day World Soil Day World Food Day	KVK Charban Dhanora J	150	100	250	30000/-	SDAO, TAO
XX V	Krishi Mohostva	--	--	--	--	--	--	--	--
XX VI	Krishi Rath	--	--	--	--	--	--	--	--
XX VII	Pre Kharif workshop	May 2020	Kharif crop Planning	KVK	75	25	100	10000/-	TAO
XX VIII	Pre Rabi workshop	Oct. 2020	Rabi crop planning	KVK	75	25	100	10000/-	TAO
XXI X	PPVFRA workshop	--							
XX X	Swachhata Pakhawada	Oct. 2020	Swachhata Pakhawada	Dhanora J, wadgaon Van Jalgaon Jamod warwat Bakal	150	50	200	10000/-	TAO, Sarpanch
XX XI	Sanvidhan Din (8 nos)	Monthly Mar- Oct 2020	Sanvidhan Din	Dhanora J, wadgaon Van Jalgaon Jamod warwat Bakal	150	50	200	10000/-	TAO, Sarpanch
	Total (353)				19434	4386	23820		

3.5. B Action Plan for Other Extension Activities. (New Table addition)

Sl. No.	Particulars	Topic	Discipline	Name of the Scientist	Number
1	Radio Talk	Cultivation practice of cotton and soybean Pest & disease management of cotton, soybean Need of soil health management	Agronomy, Plant Protection	S.M. Umale A.T.Gabhane	05
2	T. V. Shows	IPM in cotton, soybean and bengalgram FAW management in maize, PBW management in cotton, Cultivation practice of cotton and soybean Pest & disease management of cotton, soybean Dryland horticulture cultivation	Agronomy Plant Protection Horticulture, Extension	S.M. Umale A.T.Gabhane S.P. Datey S.A. Borde	06
3	News Articles	KVK activities	--	KVK Scientists	50
4	Extension literature	FAW management in maize, PBW management in cotton ,Dryland horticulture cultivation, BBF technology, Dairy technology,Organic farming	--	KVK Scientists	06
5	Impact Study	FLD and major activities of KVK	Extension	S.A. Borde	02
6	Documentation	KVK activities	--	KVK staff	02
7	Use of ICT Applications	KVK activities	--	--	01
8	Research paper each scientist	--	--	--	--
9	Technical reports	--	--	--	--
10	News letters	KVK New letter	Extension	S.A. Borde	02
11	Training manual	Training manual	All discipline	KVK Scientists	06
12	Popular article	IPM in cotton, soybean and bengalgram FAW management in maize, PBW management in cotton, Cultivation practice of cotton and soybean Pest & disease management of cotton, soybean Dryland horticulture cultivation, BBF technology Dairy technology, Organic farming Nursery management, Kitchen gardening	All discipline	KVK Scientists	11
		Total			91

3.6. Target for Production and supply of Technological products

Seed Material

Sl. No.	Crop	Variety	Quantity (qt)
Cereals	Wheat	AKAW 4210-6	15
Oilseeds	Soybean	AMS-1001	30
Pulses	Greengram	BM 2003-2	4
	Blackgram	AKU 10-1	4
	Pigeon pea	PKV TARA	15
	Chickpea	RVG-202	10
Others	Azolla culture	--	1.50
	Grass roots Thomb	CO-5, Yashwant	1000 sets

Planting Materials

Sl. No.	Crop	Variety	Quantity (Nos.)
Fruits	Custard apple	Balanagar	10000
	Custard apple	Arka Sahan	100
	Guava	L*49	2000
	Sweet Orange	Nucellar	1000
	Lime	Pramalini	3000
Spices	Ajwain	AA01-19	50 kg
	Turmeric	Pragati	400 kg
Vegetables	Chili	Teja -4	10000
	Brinjal	Mahyco-11	10000

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
Biofertilizer				
Vermicompost	Compost	Eisenia fetida	--	4000

Livestock

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Poultry	Broiler	Vencob	800	--
	Layer	Giriraj, Kaveri	400	--
	Hatching of eggs	Giriraj, Kaveri, Quil	600	--

4. Literature to be Developed/Published

A. KVK News Letter

Date of start : June 2020, December 2020
Number of copies to be published : 200

B. Details of Electronic Media to be produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette) and video clippings	Title of the programme	Number
1	VCD	BBF technology	01

C. Success stories/Case studies identified for development as a case - 04

- a. Brief introduction
- b. Interventions
- c. Output
- d. Outcomes
- e. Impact
 - i) Social economic
 - ii) Bio-Physical
- f. Good Action Photographs

5.1. Indicate the specific training need analysis tools/methodology followed for

A. Practicing Farmers

- a) PRA
- b) Group Discussion
- c) Village Survey

B. Rural Youth

- a) PRA
- b) Group Discussion
- c) Village Survey

C. In-service personnel

Group discussion

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

- | | | | |
|------|--------------------------------|----|-----|
| i) | PRA | -- | Yes |
| ii) | Problem identified from Matrix | -- | Yes |
| iii) | Field level observations | -- | Yes |
| iv) | Farmer group discussions | -- | Yes |
| v) | Others if any | | |

For FLD:

- | | | | |
|------|-----------------------------|----|-----|
| i) | New variety/technology | -- | Yes |
| ii) | Poor yield at farmers level | -- | Yes |
| iii) | Existing cropping system | -- | Yes |
| iv) | Others if any | | |

6. LINKAGES

6.1. Functional linkage with different organizations

Sl.N	Name of organization	Nature of Linkage (pl. specify)
1	Dr. P.D.K.V., Akola	Technical guidance regarding training, demonstrations & other extension activities etc.
2	Agril. Commissioner, Pune	Implementation of Govt. sponsored scheme & non-granted scheme.
3	State Agriculture Department (ATMA)	Collaboration in implementation of training, demonstrations, other extension activities & other schemes of State Govt. Provides financial support for conducting On Farm Testing, Demonstrations, Trainings & other extension activities under ATMA. KVK Scientists work as a Resource Person
4	District Soil Survey & Soil Testing Office Buldana	Joint Implementation of Soil Analysis
5	ICRISAT, Hyderabad	Monitoring demonstrations under SDC project
6	MANAGE, Hyderabad	Technical and Financial, DAESI Programme – One year diploma programme for input dealers.
7	A.D.O., Z.P., Buldana	Collaboration in implementation of extension activities. KVK Scientists work as a Resource Person for various training programmes & other activities.
8	State Animal Husbandry Dept.	To arrange & conduct livestock health & diagnostic camps. KVK Scientists work as a Resource Person for various training programmes & other activities.
9	MAFSU	To arrange & conduct livestock health & diagnostic camps.
10	NABARD	To establish self help groups in villages
11	GSDA	Technical backstopping
12	PoCRA, Mumbai	Technical back stopping and monitoring of Farm Field School activities
13	MAVIM, Buldana	To conduct need based training.
14	Manav Vikas Mission, Buldana	Financial support for establishment of MSTL Van
15	Care India (NGO)	Technical backstopping
16	Krishi Vikas (NGO)	Technical backstopping
17	Mahatma Phule Mandal NGO)	Technical backstopping
18	BAIF India (NGO)	Technical backstopping
19	RCF India	Technical backstopping
20	Dipak Fertilizer	Technical backstopping
21	Godrej Agrovet	Technical backstopping

6.2. Details of linkage with ATMA

a) Is ATMA implemented in your district : Yes

S. No.	Programme	Nature of linkage
1	Training	Conducting training programmes
2	Demonstration	Conducting demonstrations
3	Extension Activities	Joint Implementation
4	Diagnostic Visits	Joint Implementation

6.3. Additional Activities Planned including sponsored projects (POCRA / Pro SOIL/ NARI/ DAESI/DAMU/DFI, etc.) / schemes during 2020, if involved.

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1	DAESI	Diploma course	2	1480000/-	S.A. Borde
2	PoCRA	Training programme for Facilitator	2	250000/-	A.T.Gabhane S.M.Umale,S.A. Borde S.P. Datey

7. Convergence with other agencies and departments:

Care India : Training, demonstrations

ICICI Foundation: Capacity building programme / Training for rural youth for Entrepreneurship development.

8. Innovator Farmer's Meet 2020

Sl.No.	Particulars	Details
1	Are you planning for conducting Farm Innovators meet in your district?	Yes
2	If Yes likely month of the meet	Sept. 2020
3	Brief action plan in this regard	Review of farm innovations

9. Farmers Field School (FFS) planned 2020

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
1	Crop Production	FFS on Wheat,Bengalgram	30000/-
2	IPM	Cotton, Soybean, Bengalgram	45000/-
3	Entrepreneurship deve	Sericulture	15000/-
4	INM	Onion cultivation	15000/-

10. Utilization of hostel facilities

S. No.	Programme	No. of days
1	Nursery worker (Skill development training)	500
2	Mushroom grower (Skill development training)	500
3	Goat farming	100
4	Poultry farming	100
5	Dairy Farming	100
6	Fruit Processing	80
7	Sericulture	80
8	Bio fertilizer production	80
9	Vermi-compost production	80
10	Visit of farmers to KVK	120
11	Krishi Melawa/Exhibition	60
	Total	1800

11. Action Plan for management of crops at KVK farm.

Total area of the KVK farm: 20.59 ha

Total cropped area: 18.79 ha

Sl. No.	Particulars	Kharif/Rabi							
		Redgram	Soybean	Maize	Cotton	Blackgram	Greengram	Bengalgram	Wheat
1.	Name of the crop	Redgram	Soybean	Maize	Cotton	Blackgram	Greengram	Bengalgram	Wheat
2.	Area (ha.)	1.00	3.00	3.00	3.00	0.60	0.60	1.00	1.00
3.	Variety	ICPL-87119, PKV TARA	AMS-1001 JS-335 JS-9305	Syngenta 8255 Dhanya-879	NCS-207 NBC-11 Ajeet-155	TAU-1 AKU-10-1	BM2003-2	RVG-202	PKV Sardar MACS3949
4.	Date of sowing	June 2020	June 2020	June 2020	June 2020	June 2020	June 2020	Oct 2020	Nov 2020
5.	Purpose / technology demonstrated	Intercrop 9:1	Seed Production	ICM	ICM	Intercrop, Seed prod	Intercrop, Seed prod	Intercrop, Seed prod	Intercrop, Seed prod
6.	Total cost of inputs	7400	39750	38400	60375	3100	3200	11400	11000
7.	Cost of cultivation other than inputs	15500	57750	127215	105285	15200	15500	14800	13450
8.	Total cost of Cultivation (Rs.)	22900	97500	165615	165660	18300	18700	26200	24450
9.	Expected date of harvesting	Jan.2021	Sept.2020	Oct.2020	Sept.2020	Sept.2020	Aug.2020	Feb.2021	Mar 2021
10. a	Grain/Main product yield (q/ha.)	10	20	50	20	12	12	20	25
10.b	Straw/by-product yield (q/ha.)	9	8	12	--	3	3	6	--
11.a	Selling price of grain/main product (Rs./q)	5800	3700	1500	5450	6000	7000	4600	2800
11.b	Selling price of Straw/by-product (Rs./q)	300	200	400	--	100	100	150	--
12.	Gross income (Rs.)	60700	223600	229800	327000	42300	49000	92000	70000
13.	Net income (Rs.)	37800	126100	64185	161340	24000	30300	65800	45550

12. Action Plan for Management of Demonstration Units at KVK

S. No.	Particulars	Poultry	Soil & water testing unit	NADEP Unit	Tractor/ Machineries	Dal Mill
1.	Names of Breed/Unit	Giriraja	--	01	09	02
2.	Number available	01	--	01	--	--
3.	Cost of inputs(Rs)	30000	--	0	750000	105000
4.	Cost of production other than inputs (Rs)	15200	--	0	123000	12000
5.	Total cost of production (Rs)	45200	231150	2000	158000	16000
6.	Yield per animal/unit	--	--	40 qt	35000	4000
7.	Gross income(Rs.)	59200	352500	8000	158000	16000
8.	Net income(Rs.)	14000	121100	6000	35000	4000
9.	Number of beneficiaries	20	2450	KVK farm	123	80

13. Action Plan of Soil and Water testing Laboratory

Month	No. of soil samples to be analysed	No. of water samples to be analysed	No. of plant samples to be analysed
January	300	50	--
February	300	50	--
March	300	50	--
April	350	50	--
May	350	50	--
June	150	0	--
July	100	0	--
August	0	0	--
September	0	0	--
October	50	0	--
November	50	0	--
December	200	50	--
Total	2150	300	--

Training Programme**i) Farmers & Farm women (On Campus)**

Date	Client ele	Title of the training programme	Durati on in days	Number of participants			Number of SC/ST			G. Tot al
				M	F	T	M	F	T	
Crop Production										
Jun 20	PF	Improved Production Technology of major pulses	1	36	8	44	4	2	6	50
Jun 20	PF	Improved Production Technology of Soybean	1	18	4	22	2	1	3	25
Oct 20	PF	Improved Production Technology of Bengalgram	1	36	8	44	4	2	6	50
Nov 20	PF	Improved Production Technology of Wheat	1	18	4	22	2	1	3	25
Horticulture										
April. 20	PF	Bahar Management in Citrus crop	01	15	00	15	05	00	05	20
May. 20	PF	Young orchard management	01	15	00	15	05	00	05	20
June 20	PF	Plantation of high density in Guava crop	01	15	00	15	05	00	05	20
July 20	PF	Fruit drop management in Citrus group crops	01	15	00	15	05	00	05	20
Livestock prod.										
Feb.20	EF	Care and feed and fodder management of dairy animals during sdrought period	01	15	00	15	5	0	5	20
Apr.20	RY	Care and management during summer season	01	10	3	13	2	0	2	15
Apr 20	RY	Backyard poultry farming	01	10	3	13	2	0	2	15
May 20	EF	Care and management during summer season	01	10	3	13	2	0	2	15
July 20	PF	Importance of Mineral mixture in dairy animals	01	15	0	15	0	0	0	15
July 20	PF	Fodder cultivation and conservation	01	15	0	15	0	0	0	15
Aug 20	RY	Technique to control endo / ecto parasitic infestation	01	10	3	13	2	0	2	15
Oct 20	PF	Various Contagious disease & their control in dairy animals	01	10	3	13	2	0	2	15
Nov 20	PF	Importance of silage making for dairy animals during scarcity period	01	15	0	15	5	0	5	20
Dec.20	PF	Care and management of metabolic diseases in dairy animals	01	15	0	15	0	0	0	15

Dec.20	PF	Improve the digestibility & palatability of available dry roughage	01	15	0	15	0	0	0	15
Agril. Engg.										
Mar 20	PF	Small scale processing and value addition of pulses crop.	01	0	42	42	0	8	08	50
Apr. 20	PF	Repair and maintenance of farm machinery and implements	01	9	0	09	04	0	04	13
Apr 20	pf	Post Harvest Technology of Groundnut	01	30	15	45	04	06	10	55
May 20	PF	Aci and chlorine treatment for improving life of Micro Irrigation Unit	01	20	0	20	5	0	05	25
Home Sc.										
Jan 20	PF	Technique for aonla value added products	02	00	15	15	00	05	05	20
Feb 20	PF	Mushroom cultivation	01	03	02	15	02	03	05	20
Apr 20	PF	Technique of preparation of Phenyl and soap making	02	05	10	20	00	05	05	20
May 20	PF	Use of small agricultural implement for drudgery reduction of farm women	01	03	02	15	02	03	05	20
Nov 20	PF	Preparation of custard apple products	02	05	10	20	00	05	05	20
Plant Protection										
Feb 20	PF	IPM in onion	01	18	0	18	02	0	02	20
April /May 20	PF	IPM in cotton	01	18	0	18	02	0	02	20
July/ Aug 20	PF	Integrated disease management in pulses	01	18	0	18	02	0	02	20
Aug/ Sept 20	PF	Bio control management of pest & diseases in redgram	01	18	0	18	02	0	02	20
Aug /Sept 20	PF	Integrated disease management in Citrus	01	18	0	18	02	0	02	20
Extension Education										
Sept 20	PF	WTO & IPR Issue	01	24	4	28	1	1	2	30
Oct 20	PF	Group Dynamics	01	24	4	28	1	1	2	30
Fisheries										
--	--	--	--	--	--	--	--	--	--	--
Soil Health										
Apr 20	PF	Integrated Nutrients Management	1	15	3	18	1	1	2	20
Jul 20	PF	Importance of Soil Testing	1	15	3	18	1	1	2	20

ii) Farmers & Farm women (Off Campus)

Date	Client ele	Title of the training programme	Venue	Duration in days	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
Crop Production											
Dec 20	PF	Integrated Farming System	Dhanora	1	15	3	18	1	1	2	20
Horticulture											
Aug.20	PF	Hasta Bahar management in Lime crop	Sonala	01	15	00	15	05	00	05	20
Sept.20	PF	Exotic vegetable crop management	Sungaon	01	15	00	15	05	00	05	20
Oct.20	PF	Production & management in Turmeric crop	Jamod	01	15	00	15	05	00	05	20
Nov.20	PF	Nursery management in vegetable crop	Wadgaon	01	15	00	15	05	00	05	20
Dec.20	PF	Production management techniques in Watermelon crop	Warwat	01	15	00	15	05	00	05	20
Dec.20	PF	Post harvest crop management in fruit crops	Dhanora	01	15	00	15	05	00	05	20
Dec 20	PF	Climate Resilient techniques in fruit crop management	Sonala	01	15	00	15	05	00	05	20
Live Stock Production.											
May 20	PF	Importance of deworming and vaccination in cow	Kajegaon	01	15	0	15	5	0	5	20
June 20	PF	Importance of deworming and Mineral mixture in development heifer	Wadgaon Van	01	15	0	15	5	0	5	20
June 20	PF	Role of prebiotic in goat kid	Dhanora	01	15	0	15	5	0	5	20
Aug 20	RY	Care and management of mastitis in dairy animals	Dhanora	01	15	0	15	5	0	5	20
Sept 20	PF	detection of heat in dairy animals	Sonala	01	15	0	15	5	0	5	20
Agril. Engg.											
Apr 20	PF	Dal Mill for enterprising	Pimpri desh mukh	01	20	0	20	5	0	5	25
May 20	PF	Use of Micro Irrigation system for crop production.	Dhanora	01	15	0	15	05	0	05	20
June 20	PF	Use of BBF Planter for sowing kharip crops	Khadad	01	15	0	15	05	0	05	20
July 20	PF	In situe soil and water conservation for dry spell mitigation.	Bhendava l Bk.	01	23	0	23	02	0	02	25
July 20	PF	In situe soil and water conservation for dry spell mitigation.	Yeulkhed	01	22	0	22	03	0	03	25
Oct. 20	PF	Small scale processing and value addition	Umapur	01	20	0	20	05	0	05	25

Dec 20	PF	Use of Cotton slasher	Salaiban	01	15	0	15	05	0	05	20
Dec 20	PF	Use of BBF Planter for sowing summer Groundnut	Sungaon	01	15	0	15	05	0	05	20
Home Sc.											
Mar 20	PF	Preparation Neemboli Ark and Neem products	Rajura	01	00	05	15	05	10	15	20
Apr 20	PF	Safe storage technique of food grain	Dhanora	01	00	05	15	05	10	15	20
May 20	PF	Technique preparation of dashparni ark and jivamrut	Garpeth	01	00	15	20	00	05	05	20
June 20	PF	House hold food security by kitchen gardening	Dhanora J	01	00	15	20	00	05	05	20
Sept. 20	PF	Technique of preparation aonla value added products	Wadgaon	02	00	15	20	00	05	05	20
Oct.20	PF	Cooking method	Charban	01	00	15	20	00	05	05	20
Plant Protection											
March /April 20	PF	Integrated pest and disease management in watermelon	Dhanora	01	18	0	18	02	0	02	20
April / May 20	PF	Integrated pest management for pink bollworm in cotton	Dhanora	01	18	0	18	02	0	02	20
May /June 20	PF	Integrated pest management in cotton	Wadgaon	01	18	0	18	02	0	02	20
July 20	PF	Integrated pest management in soybean	Wadgaon	01	18	0	18	02	0	02	20
July/ Aug 20	PF	FAW management in maize	Dhanora	01	18	0	18	02	0	02	20
Oct/ Sept 20	PF	Integrated pest management in red gram	Dhanora	01	18	0	18	02	0	02	20
Oct/ Nov 20	PF	Integrated pest management in bengalgram	Wadgaon	01	18	0	18	02	0	02	20
Nov 20	PF	Integrated pest disease management in bengalgram	Wadgaon	01	18	0	18	02	0	02	20
Extension Education											
April 20	PF	Soil & Water testing	Dhanora	01	24	4	28	1	1	2	30
May 20	PF	Vermicompost Production	Wadgaon	01	24	4	28	1	1	2	30
Aug. 20	PF	Entrepreneurship development of farmer & youth	Dhanora	01	24	4	28	1	1	2	30
Nov 20	PF	Production of organic input	Wadgaon	01	24	4	28	1	1	2	30
Soil health											
May 20	PF	Management of	Dhanora	1	15	3	18	1	1	2	20

		Problematic soil									
May 20	PF	Crop residue management	Dhanora	1	15	3	18	1	1	2	20
Dec 20	PF	Soil fertility Management	Wadgaon	1	15	3	18	1	1	2	20

ii) Vocational training programmes for Rural Youth

Date	Thematic area	Training title*	Venue	Duration (days)	No. of Participants			SC/ST participants			G.Total
					M	F	T	M	F	T	
Feb 20	Income generating activity	Prepare of Natural Holi colour	KVK	03	00	15	15	00	05	05	20
April 20	Income generating activity	Tailoring Certificate course	KVK	60	00	15	15	00	05	05	20
May 20	Production of organic inputs	Vermi compost production	KVK	02	18	0	18	02	0	02	20
May 20	Income generating activity	Paper Bag Making	KVK	03	00	15	15	00	05	05	20
May 20	Income generating activity	Preparation of various products comes cow dung & gomutra	KVK	05	05	10	15	00	05	05	20
May 20	Training & Pruning techniques	Training & Pruning techniques in Citrus group crops	KVK	02	20	0	20	05	0	05	25
June 20	Production of bio pesticide	Production of bio pesticide	KVK	02	18	0	18	02	0	02	20
June 20	Entrepreneurship development	Sericulture	KVK	05	24	0	24	1	0	1	25
July 20	Production of Biofertilizer and Biopesticide	On farm Production of Biofertilizer and Biopesticide	KVK	2	14	2	16	3	1	4	20
Nov 20	Income generating activity	Mushroom cultivation	KVK	04	00	15	15	00	05	05	20
Dec 20	Food processing	Food & fruit processing	KVK	05	00	15	15	00	05	05	20

iii) Training programme for extension functionaries

Date	Thematic area	Title of the training programme	Venue	Duration in days	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
May 20	WTO & IPR Issue	WTO & IPR Issue	KVK	01	24	4	28	1	1	2	30
Jun 20	Seed Production	Seed Production Technique	KVK	1	15	2	17	2	1	3	20
Jul 20	Integrated weed Management	Integrated weed Management	KVK	1	15	2	17	2	1	3	20
Jul 20	Group Dynamics & Farmer organization	Group Dynamics & Farmer organization	KVK	01	24	4	28	1	1	2	30
Jul 20	Integrated pest management	Integrated pest management in cotton, soybean , Maize and kharif pulses	KVK	01	120	20	140	20	10	30	170
July 20	House hold food security by kitchen gardening	Layout planning Importance of nutrition kitchen garden for rural families	KVK	01	00	30	30	00	10	00	40
Aug 20	Women & child care	Health & balance diet & preparation of low nutritious recipes for preschool child	KVK	01	00	30	30	00	10	00	40
Oct 20	Integrated pest management	Integrated pest management in redgram , Maize and bengalgram.	KVK	01	120	20	140	20	10	30	170
Dec 20	Crop management	Protected cultivation techniques	KVK	01	35	10	45	10	05	15	60
Dec 20	Information networking among farmers	Information networking among farmers	KVK	01	24	4	28	1	1	2	30

iv) Sponsored programme

Discipline	Sponsoring agency & Amount	Client ele	Title of the training programme	Venue	No. of participant			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training programme											
Horticulture	ATMA	PF	Nutrient management in Onion crop	Jamod	20	0	20	05	0	05	25
Horticulture	ATMA	PF	Crop production in Ajwain crop	Shegaon	20	0	20	05	0	05	25
Horticulture	ATMA	RY	Bahar management in Citrus crop	Sonala	20	0	20	05	0	05	25
Plant Protection	ATMA	PF/EF	Production of bio-fertilizer and biopesticide	KVK	40	0	40	10	0	10	50
Plant Protection	ATMA	PF	FAW management in maize	KVK	120	10	130	30	0	30	160
Plant Protection	ATMA	PF	Safe use of pesticides	KVK	80	0	80	20	0	20	100
Plant Protection	Agril. Dept	EF	Training under cropsap project in kharif season	KVK	200	50	250	30	10	40	290
Plant Protection	Agril. Dept	EF	Training under cropsap project in rabi season	KVK	200	50	250	30	10	40	290
Agronomy	ATMA	PF	Soil health management	KVK	40	0	40	10	0	10	50
Agronomy	ATMA	PF	Seed production in soybean	KVK	40	0	40	10	0	10	50
Agronomy	ATMA	PF	Production of organic inputs	KVK	40	0	40	10	0	10	50
Agril. Engg	ATMA	PF	BBF technology	KVK	90	0	90	10	0	10	100
Agril. Engg	ATMA	PF	Entrepreneurship development in pulse processing	KVK	20	0	20	0	0	0	20
Home Science	ATMA	PF	Mushroom cultivation	KVK	0	15	15	0	5	5	20
Home Science	ATMA	PF	Farm drudgery reduction tools	KVK	0	15	15	0	5	5	20
b) Sponsored research programme											
C) Any special programmes											

Annexure - II

Budget - Details of budget utilization (April 2019 to up till date)

(Rs. in Lakhs)

S. No.	Particulars	Sanctioned	Released	Expenditure
24.1	Recurring Contingencies			
24.1.1	Pay & Allowances	119.00	90.00	90.664
24.1.2	Traveling allowances	1.00	0.60	0.357
24.1.3	Contingencies			
i.	Contingency for Administrative expenses	3.00	1.85	2.822
ii.	Contingency for Research & Operation expenses	5.75	3.55	5.70
Total Recurring (A)		128.75	96.00	99.543
24.2	Non-Recurring Contingencies			
24.2.1	Works	--	--	--
24.2.2	Equipments including SWTL & Furniture	--	--	--
24.2.3	Vehicle (Four wheeler)	8.00	8.00	7.965
24.2.4	Library	--	--	--
Total Non Recurring (B)		8.00	8.00	7.965
REVOLVING FUND (C)		--	--	--
GRAND TOTAL (A+B+C)		136.75	104.00	107.508

Details of Budget Estimate (2020-21) based on proposed action plan (Rs. in Lakhs)

S. No.	Particulars	BE 2020-21 proposed (Rs.in lakhs)
24.1	Recurring Contingencies	
24.1.1	Pay & Allowances	192.40
24.1.2	Traveling allowances	2.00
24.1.3	Contingencies	
i.	Contingency for Administrative expenses	6.00
ii.	Contingency for Research & Operation expenses	8.50
Total Recurring (A)		209.40
24.2	Non-Recurring Contingencies	
24.2.1	Works	22.60
24.2.2	Equipments including SWTL & Furniture	10.50
24.2.3	Vehicle (Four wheeler/Two wheeler, please specify)	--
24.2.4	Library	0.10
Total Non Recurring (B)		33.20
REVOLVING FUND (C)		--
GRAND TOTAL (A+B+C)		242.60